

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 08/04/2014

Re	evision date: 08/04/2014 : Vers
SECTION 1: Identification of the	substance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixture
Trade name	: JOHNSEN'S 20% STARTING FLUID 10.7 OZ.
Product code	: 6762
1.2. Relevant identified uses of the	e substance or mixture and uses advised against
Use of the substance/mixture	: Starting Fluid
1.3. Details of the supplier of the s	5
Technical Chemical Company	מוכנץ עמנמ לווכבו
P.O. BOX 139	
Cleburne, Texas 76033	
T 817-645-6088	
1.4. Emergency telephone number	
Emergency number	: CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)
SECTION 2: Hazards identificat	on
2.1. Classification of the substanc	e or mixture
Classification (GHS-US)	
Flam. Aerosol 1 H222	
Compressed gas H280	
Skin Irrit. 2 H315 Muta. 1B H340	
Carc. 1A H350	
Repr. 2 H361	
STOT SE 3 H336	
STOT RE 2 H373	
Full text of H-phrases: see section 16	
2.2. Label elements	
GHS-US labeling	
•	
Hazard pictograms (GHS-US)	$\wedge \wedge \wedge \wedge$
	$\vee$ $\vee$ $\vee$
	GHS02 GHS04 GHS07 GHS08
Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	
	: H222 - Extremely flammable aerosol
. ,	H280 - Contains gas under pressure; may explode if heated
	H280 - Contains gas under pressure; may explode if heated H315 - Causes skin irritation
	H280 - Contains gas under pressure; may explode if heated
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P405 - Store locked up
P410+P403 - Protect from sunlight. Store in a well-ventilated place
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with
local, regional, national, international regulations.

#### 2.3. Other hazards

Other hazards not contributing to the : Contains gas under pressure; may explode if heated. classification

2.4. Unknown acute toxicity (GHS-US)

No data available

#### **SECTION 3: Composition/information on ingredients**

- Substance 3.1.
- Not applicable

#### 3.2. **Mixture**

Name	Product identifier	%	Classification (GHS-US)
Heptane, Branched Cyclic	(CAS No) 426260-76-6	32.408 - 47.3	Flam. Liq. 1, H224 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Petroleum Gases, Liquefied, Sweetened	(CAS No) 68476-86-8	10 - 30	Flam. Gas 1, H220 Flam. Liq. 1, H224
Heptane	(CAS No) 142-82-5	10.025 - 21.285	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Diethyl Ether	(CAS No) 60-29-7	10 - 30	Flam. Liq. 1, H224 Acute Tox. 4 (Oral), H302
Carbon Dioxide, Liquefied, Under Pressure	(CAS No) 124-38-9	5 - 10	Compressed gas, H280
Toluene	(CAS No) 108-88-3	0.473 - 1.892	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
Distillates (Petroleum), Hydrotreated Heavy Naphthenic	(CAS No) 64742-52-5	<1	Not classified

SECTION	4: First	aid meas	sures

4.1. Description of first aid measures		
First-aid measures general	:	Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	:	Cough. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact	:	Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	:	Direct contact with the eyes is likely to be irritating. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	:	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effe	cts,	both acute and delayed
Symptoms/injuries	:	May cause genetic defects. Suspected of damaging fertility or the unborn child. Causes damage to organs.
Symptoms/injuries after inhalation	:	Shortness of breath. May cause cancer by inhalation. May cause drowsiness or dizziness.
Symptoms/injuries after skin contact	:	Causes skin irritation. Itching. Red skin.
Symptoms/injuries after eye contact	:	May cause severe irritation. May cause slight eye irritation . Irritation of the eye tissue. Inflammation/damage of the eye tissue. Redness of the eye tissue.
Symptoms/injuries after ingestion	:	May be harmful if swallowed and enters airways. May be fatal if swallowed and enters airways.
4.3. Indication of any immediate medica	al at	tention and special treatment needed
No additional information available		
SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	:	Do not use a heavy water stream.

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5.2. Special hazards arising from the	ne substance or mixture
Fire hazard	: Extremely flammable aerosol.
Explosion hazard	: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of bur and injuries.
5.3. Advice for firefighters	
Firefighting instructions	<ul> <li>Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. DO NOT fight fire when fir reaches explosives. Evacuate area.</li> </ul>
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Aerosol level 3.
SECTION 6: Accidental release r	neasures
6.1. Personal precautions, protectiv	ve equipment and emergency procedures
General measures	: Ventilate area. No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk. Remove ignition sources. Use special care to avoid static electric charges.
6.1.1. For non-emergency personnel	
Protective equipment	: Gloves. Safety glasses.
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection. Avoid breathing dust,fume,gas,mist,vapor spray.
Emergency procedures	: Ventilate area.
6.2. Environmental precautions	
Prevent entry to sewers and public waters.	Notify authorities if liquid enters sewers or public waters.
6.3. Methods and material for conta	ainment and cleaning up
For containment	: Dam up the liquid spill. Contain released substance, pump into suitable containers. Plug the le cut off the supply.
Methods for cleaning up	: Store away from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and personal sectors are apprecision of the sectors are apprecision and personal sectors are apprecision are apprecision and personal sectors are apprecision and personal sectors are apprecision a	sonal protection.
SECTION 7: Handling and storage	ge
7.1. Precautions for safe handling	
Additional hazards when processed	: Hazardous waste due to potential risk of explosion. Pressurized container: Do not pierce or bu even after use.
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formatior vapor. Do not spray on an open flame or other ignition source. Obtain special instructions . Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so. Avoid breathing dust,fume,gas,mist,vapor spray. Use only outdoors o a well-ventilated area.
Hygiene measures	: Wash affected areas thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with m soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, in	cluding any incompatibilities
Technical measures	cluding any incompatibilities : Proper grounding procedures to avoid static electricity should be followed.
Technical measures Storage conditions	<ul> <li>cluding any incompatibilities</li> <li>Proper grounding procedures to avoid static electricity should be followed.</li> <li>Keep only in the original container in a cool, well ventilated place away from : Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place. Keep container tightly closed.</li> </ul>
Technical measures Storage conditions Incompatible products	<ul> <li>cluding any incompatibilities</li> <li>Proper grounding procedures to avoid static electricity should be followed.</li> <li>Keep only in the original container in a cool, well ventilated place away from : Do not expose t temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place. Keep container tightly closed.</li> <li>Strong bases. Strong acids.</li> </ul>
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### 8.1. Control parameters

Diethyl Ether (60-29-7)		
USA ACGIH	ACGIH TWA (mg/m³)	1200
USA ACGIH	ACGIH TWA (ppm)	400 ppm
USA ACGIH	ACGIH STEL (mg/m <sup>3</sup> )	1500 mg/m³

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Diethyl Ether (60-29-7	,	500
USA ACGIH	ACGIH STEL (ppm)	500 ppm
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1200 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	400 ppm
Toluene (108-88-3)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	75 mg/m³
USA ACGIH	ACGIH TWA (ppm)	20 ppm
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm
USA OSHA	OSHA PEL (Ceiling) (ppm)	300 ppm
Heptane (142-82-5)		
USA ACGIH	ACGIH TWA (ppm)	400 ppm
USA ACGIH	ACGIH STEL (ppm)	400 ppm
Heptane, Branched C	Syclic (426260-76-6)	
USA ACGIH	ACGIH TWA (ppm)	400 ppm
USA ACGIH	ACGIH STEL (ppm)	500 ppm
USA OSHA	OSHA PEL (TWA) (ppm)	500 ppm
Distillates (Petroleum	n), Hydrotreated Heavy Naphthenic (64742-52-5)	
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> MIST 8 HOURS
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> MIST 8 HOURS
Carbon Dioxide, Liqu	efied, Under Pressure (124-38-9)	
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	9000 mg/m³
USA ACGIH	ACGIH TWA (ppm)	5000 ppm
USA ACGIH	ACGIH STEL (mg/m <sup>3</sup> )	54000
USA ACGIH	ACGIH STEL (ppm)	30000 ppm
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	9000 mg/m³
USA OSHA	OSHA PEL (TWA) (ppm)	5000 ppm
Petroleum Gases, Lic	quefied, Sweetened (68476-86-8)	
USA ACGIH	ACGIH TWA (ppm)	1000 ppm Listed under Aliphatic hydrocarbon gases alkane C1-C4
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	1000 ppm

Appropriate engineering controls Personal protective equipment

- : Provide adequate general and local exhaust ventilation.
- : Gloves. Protective goggles. Avoid all unnecessary exposure.



Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.
Other information	: Do not eat, drink or smoke during use.

### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and	chemical properties
Physical state	: Gas
Color	: Colourless to light yellow.

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Odor	: Ether-like odour. Sweet. Pungent.
Odor threshold	: No data available
рН	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: -42 °C (Lowest Component)
Flash point	: <-23 °C (Lowest Component)
Auto-ignition temperature	: 180 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available
9.2. Other information	
VOC content	: 93.3 %
SECTION 10: Stability and reactivit	y .
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
	der pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other
10.3. Possibility of hazardous reactions	
Not established.	
10.4. Conditions to avoid	
Direct sunlight. Extremely high or low temperat	ures. Heat. Sparks. Open flame. Overheating.
10.5. Incompatible materials	
Strong acids. Strong bases.	
10.6. Hazardous decomposition product	
Toxic fume Carbon monoxide. Carbon dioxide	
SECTION 11: Toxicological informa	
11.1. Information on toxicological effect	S
Acute toxicity	: Not classified
Diethyl Ether (60-29-7)	
	1215 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; 1600 mg/kg

Diethyl Ether (60-29-7)	
LD50 oral rat	1215 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; 1600 mg/kg bodyweight; Rat)
LD50 dermal rabbit	> 14200 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	99 mg/l/4h (Rat)
LC50 inhalation rat (ppm)	32000 ppm/4h (Rat)
Toluene (108-88-3)	
LD50 oral rat	5580 mg/kg body weight (Rat; Equivalent or similar to OECD 401; Literature study; 5580 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	> 5000 mg/kg body weight LD50 quoted as 14.1 mL/kg (12267 mg/kg using density of 0.87)
LC50 inhalation rat (mg/l)	> 28.1 mg/l/4h (Rat; Air, Literature study)

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Heptane (142-82-5)	
LD50 oral rat	> 15000 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; >5000 mg/kg bodyweight; Rat; Read-across)
LD50 dermal rabbit	> 3160 mg/kg (Rabbit; Literature study; Equivalent or similar to OECD 402; >2000 mg/kg bodyweight; Rabbit; Read-across)
LC50 inhalation rat (mg/l)	103 mg/l/4h (Rat; Literature study)
LC50 inhalation rat (ppm)	25000 ppm/4h (Rat; Literature study)
Heptane, Branched Cyclic (426260-76-6)	
LD50 oral rat	> 15000 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; >5000 mg/kg bodyweight; Rat; Read-across)
LD50 dermal rabbit	> 3160 mg/kg (Rabbit; Literature study; Equivalent or similar to OECD 402; >2000 mg/kg bodyweight; Rabbit; Read-across)
LC50 inhalation rat (mg/l)	103 mg/l/4h (Rat; Literature study)
LC50 inhalation rat (ppm)	25000 ppm/4h (Rat; Literature study)
Distillates (Petroleum), Hydrotreated Heavy	Naphthenic (64742-52-5)
LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg body weight
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: May cause genetic defects.
Carcinogenicity	: May cause cancer.
Toluene (108-88-3)	
IARC group	3
Distillates (Petroleum), Hydrotreated Heavy	Naphthenic (64742-52-5)
IARC group	3
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated xposure)	: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

Symptoms/injuries after eye contact Symptoms/injuries after ingestion

Symptoms/injuries after inhalation

Symptoms/injuries after skin contact

: May be harmful if swallowed and enters airways. May be fatal if swallowed and enters airways.

: May cause severe irritation. May cause slight eye irritation . Irritation of the eye tissue.

Inflammation/damage of the eye tissue. Redness of the eye tissue.

: Shortness of breath. May cause cancer by inhalation. May cause drowsiness or dizziness.

### **SECTION 12: Ecological information**

12.1. Toxicity

Diethyl Ether (60-29-7)	
LC50 fish 1	> 10000 ppm (96 h; Lepomis macrochirus)
EC50 Daphnia 1	165 mg/l (24 h; Daphnia magna)
LC50 fish 2	2560 mg/l (96 h; Pimephales promelas)
EC50 Daphnia 2	1380 mg/l (48 h; Daphnia magna)
TLM fish 1	> 1000 mg/l (96 h; Pisces)
TLM other aquatic organisms 1	> 1000 mg/l (96 h)
Toluene (108-88-3)	
LC50 fish 1	24 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 1	84 mg/l (24 h; Daphnia magna; Locomotor effect)
LC50 fish 2	13 mg/l (96 h; Lepomis macrochirus)
EC50 Daphnia 2	11.5 - 19.6 mg/l (48 h; Daphnia magna)
Threshold limit algae 1	> 400 mg/l (168 h; Scenedesmus quadricauda; Toxicity test)
Threshold limit algae 2	105 mg/l (192 h; Microcystis aeruginosa)

: Causes skin irritation. Itching. Red skin.

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JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Persistence and degradability       Not established.         Diethyl Ether (60-29-7)         Persistence and degradability       Not readily biodegradable in water. No (test)data on mobility of the substance available. Reacts with air.         Biochemical oxygen demand (BOD)       0.03 g Q. /g substance         Chemical oxygen demand (BOD)       0.026 g Q. /g substance (MNO4)         ThOD       2.60 g Q. /g substance         BOD (% of ThOD)       0.012 % ThOD         Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.         Biochemical oxygen demand (BOD)       2.15 g O. /g substance         Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.         Biochemical oxygen demand (COD)       2.52 g O. /g substance         Chemical oxygen demand (BOD)       2.15 g O. /g substance         BOD (% of ThOD)       0.68 % ThOD         Heptane (142-82-6)       Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.         Biochemical oxygen demand (COD)       1.92 g O. /g substance         Chemical oxygen demand (COD)       0.06 g O./g substance         Biochemical oxygen demand (BOD)       0.52 g O. /g substance			
LESS often squate organisms 1       > 1000 mg/l (8k h)         LESS field 2       > 100 mg/l (8k h)         LESS field 2       > 100 mg/l (8k h)         Threshold limit dipa 1       > 200 mg/l (8k h)         Threshold limit dipa 1       > 200 mg/l (8k h)         Threshold limit dipa 2       1.5 mg/l (8k h)         Threshold limit dipa 2       1.5 mg/l (8k h)         Threshold limit dipa 2       1.5 mg/l (8k h)         Carbon Dioxids, Liquefied, Under Pressure (124-38-9)       1.5 mg/l (8k h)         LSS fiel 1       300 mg/l (8k h)         Carbon Dioxids, Starting F (10k h)       80 - 240 mg/l (8k h)         2.1 Persistence and degradability       Not established.         Diothy Elife 50 mg/l (8k h)       Not established.         Diothy Elife 60: 627)       Persistence and degradability         Persistence and degradability       Not established.         Diothy Elife 60: 627)       Persistence and degradability         Persistence and degradability       Not established.         Boo (% of ThOD)       2.60 g O, /g substance         Chemical oxygan demand (SOD)       2.15 g O, /g substance         Chemical oxygan demand (SOD)       2.15 g O, /g substance         Chemical oxygan demand (SOD)       2.15 g O, /g substance         Cholon (100 k)       2.16	Heptane (142-82-5)		
ECS0 Deprind 11.5 mg/l (4b): Deprind magna)ECS0 fails 2> 000 mg/l (2b i: Oncelynchus kauch)TLM fain 14924 mg/l (4b : Gambais affinis)Treshold limit algae 1> 200 mg/l (2b encelsemus quadricauds; Toxicity test)Treshold limit algae 1> 200 mg/l (2b encelsemus quadricauds; Toxicity test)Treshold limit algae 21.5 mg/l (2b H; Salmo gairdneri (Oncorthynchus mykiss); Lethal)ECS0 fail 125 mg/l (2b H; Salmo gairdneri (Oncorthynchus mykiss); Lethal)ECS0 fail 135 mg/l (2b H; Salmo gairdneri (Oncorthynchus mykiss); Lethal)ECS0 fail 280 e stabilished.20 MSENS 20% STARTING FUUD 10.7 OZPersistence and degradabilityNot readly biodegradabile in water. No (test)data on mobility of the substance available.Reacts with arc.Biochemical oxygen demand (BOD)0.02 g /g a substanceChemical oxygen demand (BOD)0.02 g /g a substanceChemical oxygen demand (BOD)0.02 g /g a substanceChemical oxygen demand (BOD)2.15 g O, /g a substanceChemical oxygen demand (BOD)2.52 g O, /g a substanceChemical oxygen demand (BOD)3.52 g O, /g a substanceChemical oxygen demand (BOD)3.52 g O, /g a substanceChemical oxygen demand (BOD)3.52 g O, /g a substance<	LC50 fish 1	375 mg/l (96 h; Tilapia mosambica; Nominal concentration)	
ECS0 Deprind 11.5 mg/l (4b): Deprind magna)ECS0 fails 2> 000 mg/l (2b i: Oncelynchus kauch)TLM fain 14924 mg/l (4b : Gambais affinis)Treshold limit algae 1> 200 mg/l (2b encelsemus quadricauds; Toxicity test)Treshold limit algae 1> 200 mg/l (2b encelsemus quadricauds; Toxicity test)Treshold limit algae 21.5 mg/l (2b H; Salmo gairdneri (Oncorthynchus mykiss); Lethal)ECS0 fail 125 mg/l (2b H; Salmo gairdneri (Oncorthynchus mykiss); Lethal)ECS0 fail 135 mg/l (2b H; Salmo gairdneri (Oncorthynchus mykiss); Lethal)ECS0 fail 280 e stabilished.20 MSENS 20% STARTING FUUD 10.7 OZPersistence and degradabilityNot readly biodegradabile in water. No (test)data on mobility of the substance available.Reacts with arc.Biochemical oxygen demand (BOD)0.02 g /g a substanceChemical oxygen demand (BOD)0.02 g /g a substanceChemical oxygen demand (BOD)0.02 g /g a substanceChemical oxygen demand (BOD)2.15 g O, /g a substanceChemical oxygen demand (BOD)2.52 g O, /g a substanceChemical oxygen demand (BOD)3.52 g O, /g a substanceChemical oxygen demand (BOD)3.52 g O, /g a substanceChemical oxygen demand (BOD)3.52 g O, /g a substance<	LC50 other aquatic organisms 1	> 1000 mg/l (96 h)	
LCS0 link 2         > 100 mg/ (8 h; Oncorhynchus kautch)           Threshold link other aquatic organisms 1         > 1000 mg/ (8 h; Oncorhynchus kautch)           Threshold link diges 1         > 1000 mg/ (8 cm classes quadricouds, Toxicity test)           Threshold link diges 1         1.5 mg/ (8 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)           Carbon Dioxide, Liquetied, Under Pressure (124-38-9)         Examp (12 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)           C20 mg/ (2 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)         Examp (12 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)           C30 mg/ (2 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)         Examp (12 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)           C30 mg/ (2 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)         Examp (12 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)           C31 Mg/ (2 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)         Examp (12 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)           C32 Mg/ (2 h; Salmos meter No (test)data on mobility of the substance examp (20 h; Salmos (20 h; O)         Examp (20 h; Salmos (20 h; Salmos (20 h; O)           C30 G/ (3 galmstance         Donce (20 gg/ (2 h) galmstance         Examp (20 h; Salmos (20 h; O)           C100 C10 G/ (2 Gg (2 g) G/ (3 galmstance         Examp (20 h; Salmos (20 h; O)         Examp (20 h; Salmos (20 h; O)           C100 C10 G/ (3 Gg/ (3 galmstance         Examp (20 h; Salmos (20 h; G)         Examp (20 h; Salmos (20 h; G)			
T.M. Bin 1       4324 mg/ 48 h; Gambuis affinis)         Threshold inti diaga 1       > 200 mg/ (26 h)         Threshold inti diaga 2       1.5 mg/ (26 h; Gambuis affinis)         Threshold inti diaga 2       1.5 mg/ (26 h; Sambo gairdnei (Oncorhynchus mykiss); Lathal)         LC50 fish 1       25 mg/ (26 h; Sambo gairdnei (Oncorhynchus mykiss); Lathal)         LC50 fish 2       60 - 240 mg/ (12 h; Salmo gairdnei (Oncorhynchus mykiss); Lathal)         LC50 fish 2       80 - 240 mg/ (12 h; Salmo gairdnei (Oncorhynchus mykiss); Lathal)         LC50 fish 3       Som 240 mg/ (12 h; Salmo gairdnei (Oncorhynchus mykiss); Lathal)         LC50 fish 4       80 - 240 mg/ (12 h; Salmo gairdnei (Oncorhynchus mykiss); Lathal)         Defisition 4       Not established.         Defisition 4       Not established.         Defisition 4       80 - 240 mg/ (12 h; Salmo gairdnei (Oncorhynchus mykiss); Lathal)         Defisition 4       Not established.         Defisition 4       Not established.         Defisition 4       80 - 240 mg/ (12 h; Salmo 2         Defisition 4       80 - 240 mg/ (12 h; Salmo 2         Defisition 4       80 - 240 mg/ (12 h; Salmo 2         Defisition 4       80 - 240 mg/ (12 h; Salmo 2         Defisition 4       80 - 24 mg/ 24 mg			
Threshol limit glape 1         > 2000 mg/ (Scenedarma guadricauda, Toxicity test)           Threshol limit glape 1         1.5 mgl (8 h; Algae; Photosynthesis)           Carbon Dioxide, Liqueifed, Under Pressur (24-38-9)         1.5 mgl (8 h; Algae; Photosynthesis)           LES0 fish 1         S mgl (8 h; Salmo gairdneil (Oncorthynchus mykiss); Lethal)           LES0 fish 2         60 - 240 mgl (12 h; Salmo gairdneil (Oncorthynchus mykiss); Lethal)           2.1         Peristence and degradability         Kort established.           Districe (60-29-7)         Peristence and degradability         Not readily biodegradable in water. No (test)data on mobility of the substance available. Not established.           Bochemical oxygen demand (BOD)         0.028 g O, g substance         Color (3 g G) (1 h)           Rote (00-29-7)         Peristence and degradability         Not readily biodegradable in water. No (test)data on mobility of the substance available. Neacts with ait.           Bochemical oxygen demand (BOD)         0.028 g O, g substance         Color (3 G) (1 g O) (2 g S O) (2 g S Ustance)           Fortient or (00-1000)         2.51 g O, g substance         Color (3 S G) (2 g O) (2 g S Ustance)           ThOD         0.61 g O, g substance         Color (3 S G) (2 g O, g substance)           Color (10-100)         3.51 g O, g substance         Color (1 h) (2 h			
Threshol limit algae 1         > 200 mg/i (Secnedesmu guadnicauda; Toxicity test)           Threshol limit algae 2         1.5 mg/i (Sh ; Najae, Photosynthesis)           Carbon Dioxide, Liquetied, Under Pressure (124-38-9)         Sim g/i (Sh ; Najae, Photosynthesis)           LC50 fish 1         Sim g/i (Sh ; Salmo gairdneri (Oncorthynchus mykiss); Lethal)           LC50 fish 2         So - 240 mg/i (12 h; Salmo gairdneri (Oncorthynchus mykiss); Lethal)           LC50 fish 2         So - 240 mg/i (12 h; Salmo gairdneri (Oncorthynchus mykiss); Lethal)           Z.2         Persistence and degradability         Not established.           Persistence and degradability         Not established.           Definition (COC)         0.053 g O; g/a substance           Chemical oxygen demand (COD)         0.052 g O; g/a substance           DOD (% of ThOD)         0.012 % ThOD           Persistence and degradability         Readily biodegradabie in water. Biodegradabie in the soil. Low potential for adsorption in soil.           Biochemical oxygen demand (COD)         2.25 g O; g/a substance           Chemical oxygen demand (COD)         2.25 g O; g/a substance           Chemical oxygen demand (COD)         2.52 g O; g/a substance           Chemical oxygen demand (COD)         2.52 g O; g/a substance           Chemical oxygen demand (COD)         9.68 % ThOD           Persistence and degradability so degra			
Threshol limit algae 2         1.5 mgñ (8 h: Algae: Photosynthesis)           Carbon Dioxide, Liquefied, Under Pressure (2x4-38-4)            LC50 fish 1         3 mgñ (8 h: Salmo gairdneri (Oncorthynchus mykiss): Leithal)           C50 fish 2         60 - 240 mgñ (12 h: Salmo gairdneri (Oncorthynchus mykiss): Leithal)           C30 DHSKEN 20x STARTING FLUD 107 0Z.         Persistence and degradability           ObthSKEN 20x STARTING FLUD 107 0Z.         Persistence and degradability           Distry Ether (60-29-7)         Persistence and degradability           Persistence and degradability         0.032 g 0, r g substance           Dichor 200 0         0.032 g 0, r g substance           Chemical oxygen demand (SOD)         0.032 g 0, r g substance           Dichor 300 0         0.028 g 0, g substance           Chemical oxygen demand (SOD)         2.15 g 0, r g substance           Tolon 100 2         2.05 g 0, r g substance           Discherineal oxygen demand (SOD)         2.5 g 0, r g substance           Chemical oxygen demand (SOD)         2.15 g 0, r g substance           Tolon 100 0         3.51 g 0, r g substance           Did (St ThOD)         0.89 S ThOD           Biccherical oxygen demand (SOD)         3.52 g 0, r g substance           Chemical oxygen demand (SOD)         3.52 g 0, r g substance           Chon 0	· · · · · · · · · · · · · · · · · · ·		
Carbon Dioxide, Liquefied, Under Pressure (124-38-9)           LC50 fish 1         35 mg/t (9 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)           LC50 fish 2         60 - 240 mg/t (12 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)           2.2. Persistance and degradability         Not established.           Diethyl Ether (60-29-7)         Persistance and degradability           Persistance and degradability         Not readily biodegradable in water. No (test)data on mobility of the substance available. Reacts with air.           Biochemical oxygen demand (BOD)         0.03 g O, 2/g substance           BOC (% of ThOD)         0.012 % ThOD           Toluen (108-88-3)         Persistance and degradability           Reacts with air.         Biodegradabile in water. Biodegradable in the soil. Low potential for adsorption in soil.           Biochemical oxygen demand (BOD)         2.15 g O, 2/g substance           Chemical oxygen demand (BOD)         2.52 g O, 2/g substance           Chemical oxygen demand (BOD)         2.15 g O, 2/g substance           DOD (% of ThOD)         0.68 % ThOD           Porsistance and degradability         Readily biodegradable in water. Biodegradable in the soil. Adsorts into the soil.           Biochemical oxygen demand (BOD)         1.52 g O, 2/g substance           Chemical oxygen demand (BOD)         1.52 g O, 2/g substance           ThOD         3.52 G O, g usubs			
LC50 fish 1     35 mg/ [96 h: Salmo gairdneri (Oncorhynchus mykiss): Lethal)       LC50 fish 2     60 - 240 mg/ (12 h; Salmo gairdneri (Oncorhynchus mykiss): Lethal)       2.2. Persistence and degradability     Not reacily in the substance       Persistence and degradability     Not reacily biodegradabie in water. No (test)data on mobility of the substance available. Reacts with air.       Biochemical oxygen demand (EOD)     0.38 g O, /g substance       Chemical oxygen demand (EOD)     0.012 % ThOD       BOD (% of ThOD)     0.012 % ThOD       Tokene (108-88-3)     Persistence and degradability       Persistence and degradability     Readity biodegradabie in water. Biodegradable in the soil. Low potential for adsorption in soil.       Biochemical oxygen demand (EOD)     2.15 g O, /g substance       Chemical oxygen demand (EOD)     2.52 g O, /g substance       Chemical oxygen demand (EOD)     2.52 g O, /g substance       ThOD     3.13 g O, /g substance       Biochemical oxygen demand (EOD)     2.52 g O, /g substance       ThOD     3.13 g O, /g substance       Biochemical oxygen demand (EOD)     2.52 g O, /g substance       Chemical oxygen demand (EOD)     3.52 g O, /g substance       Chemical oxygen demand (EOD)     2.52 g O, /g substance       Chemical oxygen demand (EOD)     3.52 g O, /g substance       Bochemical oxygen demand (EOD)     3.52 g O, /g substance       Chemical oxygen dema	I hreshold limit algae 2	1.5 mg/l (8 h; Algae; Photosynthesis)	
LC50 fish 1     35 mg/ [96 h: Salmo gairdneri (Oncorhynchus mykiss): Lethal)       LC50 fish 2     60 - 240 mg/ (12 h; Salmo gairdneri (Oncorhynchus mykiss): Lethal)       2.2. Persistence and degradability     Not reacily in the substance       Persistence and degradability     Not reacily biodegradabie in water. No (test)data on mobility of the substance available. Reacts with air.       Biochemical oxygen demand (EOD)     0.38 g O, /g substance       Chemical oxygen demand (EOD)     0.012 % ThOD       BOD (% of ThOD)     0.012 % ThOD       Tokene (108-88-3)     Persistence and degradability       Persistence and degradability     Readity biodegradabie in water. Biodegradable in the soil. Low potential for adsorption in soil.       Biochemical oxygen demand (EOD)     2.15 g O, /g substance       Chemical oxygen demand (EOD)     2.52 g O, /g substance       Chemical oxygen demand (EOD)     2.52 g O, /g substance       ThOD     3.13 g O, /g substance       Biochemical oxygen demand (EOD)     2.52 g O, /g substance       ThOD     3.13 g O, /g substance       Biochemical oxygen demand (EOD)     2.52 g O, /g substance       Chemical oxygen demand (EOD)     3.52 g O, /g substance       Chemical oxygen demand (EOD)     2.52 g O, /g substance       Chemical oxygen demand (EOD)     3.52 g O, /g substance       Bochemical oxygen demand (EOD)     3.52 g O, /g substance       Chemical oxygen dema	Carbon Dioxide, Liquefied, Under Pressure (	124-38-9)	
LC50 fish 2     60 - 240 mg1 (12 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)       2.2. Persistence and degradability     Persistence and degradability       DothStPK 250; STARTING FLUID 10.70 Z.       Persistence and degradability     Not readily biodegradable in water. No (test)data on mobility of the substance available. Reacts with air.       Biochemical oxygen demand (COD)     0.08 g Q, /g substance       Chemical oxygen demand (COD)     0.08 g Q, /g substance       DO1 2, 50 g O, /g substance     0.012 % ThOD       Persistence and degradability     Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.       Biochemical oxygen demand (COD)     2,59 g O, /g substance       Chemical oxygen demand (COD)     2,52 g O, /g substance       Persistence and degradability     Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.       Biochemical oxygen demand (COD)     2,52 g O, /g substance       Chemical oxygen demand (COD)     2,52 g O, /g substance       DOD (% of ThOD)     0,68 % ThOD       Biochemical oxygen demand (COD)     1,52 g O, /g substance       Chemical oxygen demand (COD)     1,52 g O, /g substance       Chemical oxygen demand (COD)     1,52 g O, /g substance       DOD (% of ThOD)     3,52 g O, /g substance       ThOD     3,52 g O, /g substance       ThOD     3,22 g O, /g substance       DOD (			
2.2. Persistence and degradability       Not established.         DistNIS 20% STARTING FLUID 10.7 02.         Persistence and degradability       Not readily biodegradable in water. No (test)data on mobility of the substance available. Reacts with air.         Biochemical oxygen demand (GDD)       0.03 g 0, /g substance         Chemical oxygen demand (GDD)       0.028 g 0, /g substance         Chemical oxygen demand (GDD)       0.028 g 0, /g substance         Chemical oxygen demand (GDD)       0.012 & ThOD         Toluen (06-83.)       Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.         Biochemical oxygen demand (CDD)       2.52 g 0, /g substance         DOD (% of ThOD)       0.99 % ThOD         Bode microl (CDD)       0.89 % ThOD         Biochemical oxygen demand (CDD)       1.52 g 0, /g substance         Boothemical oxygen demand (CDD)       1.52 g 0, /g substance         Boothemical oxygen demand (CDD)       1.52 g 0, /g substance         Boothemical oxygen demand (CDD)       3.52 g 0, /g substance         Boothemical oxygen demand (CDD)       3.52 g 0, /g substance         Boothemical oxygen demand (CDD)       3.52 g 0, /g substance         Boothemical oxygen demand (CDD)       3.52 g 0, /g substance			
JOHNSEN'S 20% STARTING FLUID 10.7 OZ.           Persistence and degradability         Not established.           Diethyl Ether (60-28-7)         Persistence and degradability           Persistence and degradability         Not readily biodegradable in water. No (test)data on mobility of the substance available. Reacts with air.           Biochemical oxygen demand (BOD)         0.03 g O <sub>2</sub> /g substance           Chemical oxygen demand (BOD)         0.026 g O <sub>2</sub> /g substance           SDD (% of ThOD)         0.012 % ThOD           Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.           Biochemical oxygen demand (BOD)         2.15 g O <sub>2</sub> /g substance           Chemical oxygen demand (BOD)         2.15 g O <sub>2</sub> /g substance           BOD (% of ThOD)         0.69 % ThOD           Heptane (142-82-5)         Persistence and degradability           Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.           Biochemical oxygen demand (BOD)         1.92 g O <sub>2</sub> /g substance           Chemical oxygen demand (BOD)         1.92 g O <sub>2</sub> /g substance           Chemical oxygen demand (BOD)         0.69 G /g g substance           Chemical oxygen demand (BOD)         0.95 g /g substance           Persistence and degradability         May cause long-term adverse effects i			
Persistence and degradability     Not established.       Diethyl Ether (60-28-7)       Persistence and degradability     Not readily biodegradable in water. No (test)data on mobility of the substance available. Reacts with air.       Biochemical oxygen demand (GOD)     0.03 g O, /g substance       Chemical oxygen demand (GOD)     0.012 % ThOD       BOD (% of ThOD)     0.012 % ThOD       Toluene (108-88-3)     Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.       Biochemical oxygen demand (GOD)     2.52 g O, /g substance       Chemical oxygen demand (GOD)     2.52 g O, /g substance       Chemical oxygen demand (GOD)     3.53 g O, /g substance       Biochemical oxygen demand (GOD)     3.52 g O, /g substance       Port     9.58 % ThOD       Bob (% of ThOD)     0.69 % ThOD       Biochemical oxygen demand (GOD)     1.92 g O_ /g substance       Findo     1.92 g O_ /g substance       BoD (% of ThOD)     0.69 % ThOD       Size g O, g substance     0.69 % ThOD       Biochemical oxygen demand (GOD)     1.92 g O_ /g substance       BoD (% of ThOD)     > % ThOD (5 day(s)) > 0.5       Heptane, Branched Cyclic (426260-76-6)     Persistence and degradability       Persistence and degradability     Biodegradability: not applicable. Not applicable (gas).       Biochemical oxyg	12.2. Persistence and degradability		
Diethyl Ether (60-29-7)         Not readily biodegradable in water. No (test)data on mobility of the substance available. Reacts with air.           Biochemical oxygen demand (BOD)         0.03 g 0, /g substance           Chemical oxygen demand (COD)         0.028 g 0, /g substance           ThOD         2.60 g 0, /g substance           BOD (% of ThOD)         0.128 ThOD           Toluene (108-88-3)         Persistence and degradability           Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.           Biochemical oxygen demand (COD)         2.52 g 0, /g substance           Chemical oxygen demand (COD)         2.52 g 0, /g substance           Chemical oxygen demand (COD)         2.52 g 0, /g substance           Chemical oxygen demand (COD)         2.52 g 0, /g substance           Chemical oxygen demand (COD)         0.69 s ThOD           Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.           Biochemical oxygen demand (COD)         0.52 g U o, /g substance           ThOD         3.52 g U o, /g substance           ThoD         3.52 Q O, /g substance	JOHNSEN'S 20% STARTING FLUID 10.7 OZ.		
Persistence and degradability         Not readity biodegradable in water. No (test)data on mobility of the substance available. Reads with air.           Biochemical oxygen demand (COD)         0.03 g O <sub>2</sub> /g substance           Chemical oxygen demand (COD)         0.026 g O <sub>2</sub> /g substance           BOD (% of ThOD)         2.69 g O <sub>2</sub> /g substance           BOD (% of ThOD)         0.012 % ThOD           ToiLene (108-88-3)         Fersistence and degradability           Persistence and degradability         Readity biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.           Biochemical oxygen demand (COD)         2.52 g O <sub>4</sub> /g substance           Chemical oxygen demand (BOD)         2.15 g O <sub>4</sub> /g substance           BOD (% of ThOD)         0.68 % ThOD           Heptane (142-82-5)         Fersistence and degradability           Persistence and degradability         Readity biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.           Biochemical oxygen demand (COD)         0.68 9 /g substance           FNOD         3.52 Q 0_g g substance           FNOD         5.52 Q 0_g g substance           FNOD         5.52 Q 0_g g substance           FOO         0.56 Q 0_g /g substance           FOO         5.52 Q 0_g g substance           FNOD         5.52 Q 0_g g substance           FNO	Persistence and degradability	Not established.	
Persistence and degradability         Not readity biodegradable in water. No (test)data on mobility of the substance available. Reads with air.           Biochemical oxygen demand (COD)         0.03 g O <sub>2</sub> /g substance           Chemical oxygen demand (COD)         0.026 g O <sub>2</sub> /g substance           BOD (% of ThOD)         2.69 g O <sub>2</sub> /g substance           BOD (% of ThOD)         0.012 % ThOD           ToiLene (108-88-3)         Fersistence and degradability           Persistence and degradability         Readity biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.           Biochemical oxygen demand (COD)         2.52 g O <sub>4</sub> /g substance           Chemical oxygen demand (BOD)         2.15 g O <sub>4</sub> /g substance           BOD (% of ThOD)         0.68 % ThOD           Heptane (142-82-5)         Fersistence and degradability           Persistence and degradability         Readity biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.           Biochemical oxygen demand (COD)         0.68 9 /g substance           FNOD         3.52 Q 0_g g substance           FNOD         5.52 Q 0_g g substance           FNOD         5.52 Q 0_g g substance           FOO         0.56 Q 0_g /g substance           FOO         5.52 Q 0_g g substance           FNOD         5.52 Q 0_g g substance           FNO			
Reacts with air.         The second seco			
Chemical oxygen demand (COD)       0.026 g O <sub>2</sub> /g substance (KMnO4)         ThOD       2.60 g O <sub>2</sub> /g substance         BOD (% of ThOD)       0.012 % ThOD         Toluene (108-88-3)         Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.         Biochemical oxygen demand (COD)       2.15 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       2.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       0.69 % ThOD         Heptane (142-82-5)       Persistence and degradability         Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.         Biochemical oxygen demand (BOD)       1.92 g O <sub>2</sub> /g substance         Chemical oxygen demand (BOD)       1.92 g O <sub>2</sub> /g substance         Chemical oxygen demand (BOD)       0.96 g O <sub>4</sub> g substance         BOD (% of ThOD)       3.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       3.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       3.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       3.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       3.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       3.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       3.52 g O <sub>2</sub> /g substance         BOD (% of ThOD) <td>Persistence and degradability</td> <td></td>	Persistence and degradability		
ThOD       2.60 g Q _ /g substance         BOD (% of ThOD)       0.012 % ThOD         Foluene (108-88-3)       Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.         Biochemical oxygen demand (BOD)       2.15 g Q _ /g substance         Chemical oxygen demand (BOD)       2.52 g Q _ /g substance         Chemical oxygen demand (BOD)       0.69 % ThOD         BoD (% of ThOD)       0.69 % ThOD         Heptane (142-82-5)       Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.         Biochemical oxygen demand (BOD)       1.92 g Q _g substance         Chemical oxygen demand (BOD)       0.66 g Q _g g substance         Chemical oxygen demand (BOD)       3.52 g Q _g (g substance         BOD (% of ThOD)       > % ThOD (5 day(s)) > 0.5         Heptane, Branched Cyclic (42620-76-6)       Persistence and degradability         Persistence and degradability       May cause long-term adverse effects in the environment.         Carbon Dioxide, Liquefied, Under Pressure (124-38-9)       Persistence and degradability         Persistence and degradability       Biodegradability: not applicable         Chemical oxygen demand (COD)       Not applicable         Dendicabio       Not applicable <td>Biochemical oxygen demand (BOD)</td> <td>0.03 g O<sub>2</sub> /g substance</td>	Biochemical oxygen demand (BOD)	0.03 g O <sub>2</sub> /g substance	
ThOD       2.60 g Q _ /g substance         BOD (% of ThOD)       0.012 % ThOD         Foluene (108-88-3)       Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.         Biochemical oxygen demand (BOD)       2.15 g Q _ /g substance         Chemical oxygen demand (BOD)       2.52 g Q _ /g substance         Chemical oxygen demand (BOD)       0.69 % ThOD         BoD (% of ThOD)       0.69 % ThOD         Heptane (142-82-5)       Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.         Biochemical oxygen demand (BOD)       1.92 g Q _g substance         Chemical oxygen demand (BOD)       0.66 g Q _g g substance         Chemical oxygen demand (BOD)       3.52 g Q _g (g substance         BOD (% of ThOD)       > % ThOD (5 day(s)) > 0.5         Heptane, Branched Cyclic (42620-76-6)       Persistence and degradability         Persistence and degradability       May cause long-term adverse effects in the environment.         Carbon Dioxide, Liquefied, Under Pressure (124-38-9)       Persistence and degradability         Persistence and degradability       Biodegradability: not applicable         Chemical oxygen demand (COD)       Not applicable         Dendicabio       Not applicable <td></td> <td></td>			
BOD (% of ThOD)         0.012 % ThOD           Toluere (108-88-3)         Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.           Biochemical oxygen demand (BOD)         2.15 g Q; /g substance         Chemical oxygen demand (COD)         2.52 g Q; /g substance           DOD (% of ThOD)         3.13 g Q; /g substance         Chemical oxygen demand (COD)         2.62 g Q; /g substance           BOD (% of ThOD)         0.69 % ThOD         0.69 % ThOD         Defended (COD)           Heptane (142-82-5)         Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.           Biochemical oxygen demand (COD)         1.92 g Q; /g substance         Chemical oxygen demand (COD)         0.66 g Q; /g substance           Biochemical oxygen demand (COD)         0.52 g Q; /g substance         Biodegradability         May cause long-term adverse effects in the environment.           Carbon Dioxide, Liquefied, Under Pressure (124-38-9)         Persistence and degradability         May cause long-term adverse effects in the environment.           Carbon Dioxide, Liquefied, Under Pressure (124-38-9)         Persistence and degradability         May cause long-term adverse effects in the environment.           Carbon Dioxide, Liquefied, Mode Pressure (124-38-9)         Persistence and degradability         Not applicable           Biochemical oxyg			
Toluene (108-88-3)         Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.           Biochemical oxygen demand (BOD)         2.15 g O, /g substance           Chemical oxygen demand (COD)         2.52 g O, /g substance           ThOD         3.13 g O <sub>2</sub> /g substance           BOD (% of ThOD)         0.69 % ThOD           Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.           Biochemical oxygen demand (BOD)         1.92 g O <sub>2</sub> /g substance           Chemical oxygen demand (BOD)         0.92 g /g substance           Chemical oxygen demand (BOD)         1.92 g O <sub>2</sub> /g substance           Chemical oxygen demand (BOD)         0.96 g O <sub>2</sub> /g substance           Chemical oxygen demand (BOD)         0.96 g O <sub>2</sub> /g substance           BOD (% of ThOD)         > % ThOD (5 day(s)) > 0.5           Heptane, Branched Cyclic (426260-76-6)         Persistence and degradability           Persistence and degradability         Biodegradability: not applicable. Not applicable (gas).           Biochemical oxygen demand (BOD)         Not applicable           Chemical oxygen demand (BOD) <td></td> <td></td>			
Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.           Biochemical oxygen demand (BOD)         2.15 g O <sub>2</sub> /g substance           Chemical oxygen demand (CDD)         3.13 g O <sub>2</sub> /g substance           ThOD         0.69 % ThOD           BOD (% of ThOD)         0.69 % ThOD           Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.           Biochemical oxygen demand (BOD)         1.92 g O <sub>2</sub> /g substance           Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.           Biochemical oxygen demand (BOD)         1.92 g O <sub>2</sub> /g substance           Chemical oxygen demand (COD)         0.06 g O <sub>4</sub> /g substance           BOD (% of ThOD)         > % ThOD (5 day(s)) > 0.5           Heptane, Branched Cyclic (426260-76-6)         Persistence and degradability           Persistence and degradability         May cause long-term adverse effects in the environment.           Carbon Dioxide, Liquefied, Under Pressure (+24-89-)         Persistence and degradability           Persistence and degradability         Biodegradability: not applicable (gas).           Biochemical oxygen demand (BOD)         Not applicable           Chemical oxygen demand (BOD)         Not applicable           Dol (%			
Biochemical oxygen demand (BOD)       2.15 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       2.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       3.13 g O <sub>2</sub> /g substance         BOD (% of ThOD)       0.69 % ThOD         Heptane (142-82-5)       Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.         Biochemical oxygen demand (BOD)       1.92 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       0.06 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       3.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       3.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       5 % ThOD (6 day(s)) > 0.5         Heptane, Branched Cyclic (426260-76-6)       Persistence and degradability         May cause long-term adverse effects in the environment.       Carbon Dioxide, Liquefied, Under Pressure (124-38-9)         Persistence and degradability       Biodegradability: not applicable. Not applicable (gas).         Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (CDD)       Not applicable         Petroleum Gases, Liquefied, Sweetened (68476-86-8)         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential <td>Toluene (108-88-3)</td> <td></td>	Toluene (108-88-3)		
Chemical oxygen demand (COD)       2.52 g O <sub>2</sub> /g substance         ThOD       3.13 g O <sub>2</sub> /g substance         BOD (% of ThOD)       0.69 % ThOD         Heptane (142-82-5)       Persistence and degradability       Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.         Biochemical oxygen demand (BOD)       1.92 g O <sub>2</sub> /g substance       Chemical oxygen demand (COD)       0.06 g O <sub>2</sub> /g substance         ThOD       3.52 g O <sub>2</sub> /g substance       Chemical oxygen demand (COD)       9.69 C/g substance         BOD (% of ThOD)       > % ThOD (5 day(s)) > 0.5       Emptanel (142-82-5)         Persistence and degradability       May cause long-term adverse effects in the environment.         Carbon Dioxide, Liquefied, Under Pressure (124-38-9)       Persistence and degradability         Biochemical oxygen demand (BOD)       Not applicable       Not applicable (gas).         Biochemical oxygen demand (COD)       Not applicable       Not applicable         ThOD       Not applicable       Emplicable       Emplicable         ThOD       Not applicable       Not established.       Emplicable         ThOD       Not established.       Emplicable       Emplicable         ThOD       Not established.       Emplicable       Emplicable         ThOD       Not established.       Emplicable	Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.	
ThOD $3.13 g O_2 / g$ substanceBOD (% of ThOD)0.69 % ThODHeptane (142-82-5)Persistence and degradabilityReadily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.Biochemical oxygen demand (BOD) $1.92 g O_2 / g$ substanceChemical oxygen demand (COD) $0.06 g O_2 / g$ substanceThOD $3.52 g O_2 / g$ substanceBOD (% of ThOD)> % ThOD (5 day(s)) > 0.5Heptane, Branched Cyclic (426260-76-6)Persistence and degradabilityMay cause long-term adverse effects in the environment.Carbon Dioxide, Liquefied, Under Pressure (124-38-9)Persistence and degradabilityPersistence and degradabilityBiodegradability: not applicable. Not applicable (gas).Biochemical oxygen demand (COD)Not applicableChemical oxygen demand (COD)Not applicableChemical oxygen demand (COD)Not applicablePersistence and degradabilityNot applicableChemical oxygen demand (COD)Not applicableChemical oxygen demand (BOD)Not applicablePersoure Gases, Liquefied, Sweetened (68476-68-6)Persoure Gases, Liquefied, Sweetened (68476-68-69)Persistence and degradabilityNot established.2.3.Bioaccumulative potentialJOHNSEN'S 20% STARTING FLUID 10.7 OZBioaccumulative potentialNot established.Dersoure colspan="2">Bioaccumulative potentialOutpristing Colspan="2">Starting FLUID 10.7 OZBioaccumulative potential	Biochemical oxygen demand (BOD)	2.15 g $O_2$ /g substance	
BOD (% of ThOD)       0.69 % ThOD         Heptane (142-82-5)       Readily biodgradable in water. Biodegradable in the soil. Adsorbs into the soil.         Biochemical oxygen demand (BOD)       1.92 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       0.06 g O <sub>2</sub> /g substance         ThOD       3.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       > % ThOD (5 day(s)) > 0.5         Heptane, Branched Cyclic (426260-76-6)       Persistence and degradability         Persistence and degradability       May cause long-term adverse effects in the environment.         Carbon Dioxide, Liquefied, Under Pressure (122-88-9)       Persistence and degradability         Persistence and degradability       Biodegradability: not applicable. Not applicable (gas).         Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         Dob       Not applicable         BoD (% of ThOD)       Not established.         2.3.       Bioaccumulative potential	Chemical oxygen demand (COD)	2.52 g $O_2$ /g substance	
BOD (% of ThOD)       0.69 % ThOD         Heptane (142-82-5)       Readily biodgradable in water. Biodegradable in the soil. Adsorbs into the soil.         Biochemical oxygen demand (BOD)       1.92 g O <sub>2</sub> /g substance         Chemical oxygen demand (COD)       0.06 g O <sub>2</sub> /g substance         ThOD       3.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       > % ThOD (5 day(s)) > 0.5         Heptane, Branched Cyclic (426260-76-6)       Persistence and degradability         Persistence and degradability       May cause long-term adverse effects in the environment.         Carbon Dioxide, Liquefied, Under Pressure (122-88-9)       Persistence and degradability         Persistence and degradability       Biodegradability: not applicable. Not applicable (gas).         Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         Dob       Not applicable         BoD (% of ThOD)       Not established.         2.3.       Bioaccumulative potential			
Heptane (142-82-5)           Persistence and degradability         Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.           Biochemical oxygen demand (BOD)         1.92 g O_2 /g substance           Chemical oxygen demand (COD)         0.06 g O_2 /g substance           ThOD         3.52 g O_2 /g substance           BOD (% of ThOD)         > % ThOD (5 day(s)) > 0.5           Heptane, Branched Cyclic (426260-76-6)         Persistence and degradability           Persistence and degradability         May cause long-term adverse effects in the environment.           Carbon Dioxide, Liquefied, Under Pressure (124-38-9)         Persistence and degradability           Persistence and degradability         Biodegradability: not applicable. Not applicable (gas).           Biochemical oxygen demand (BOD)         Not applicable           Chemical oxygen demand (BOD)         Not applicable           ThOD         Not applicable           Persistence and degradability         Not applicable           PhoD         Not applicable           Persistence and degradability         Not applicable           BOD (% of ThOD)         Not established.           2.3.         Bioaccumulative potential           JOHNEN'S 20% STARTING FLUID 10.7 OZ-         Eisoacumulative potential           Boactumulative potential         Not esta	BOD (% of ThOD)		
Persistence and degradability     Readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil.       Biochemical oxygen demand (BOD)     1.92 g Q. /g substance       Chemical oxygen demand (COD)     0.06 g Q. /g substance       BOD     0.06 g Q. /g substance       BOD (% of ThOD)     > % ThOD (5 day(s)) > 0.5       Heptane, Branched Cyclic (426260-76-6)       Persistence and degradability     May cause long-term adverse effects in the environment.       Carbon Dioxide, Liquefied, Under Pressure (124-38-9)       Persistence and degradability     Biodegradability: not applicable. Not applicable (gas).       Biochemical oxygen demand (COD)     Not applicable       Chemical oxygen demand (COD)     Not applicable       Chemical oxygen demand (COD)     Not applicable       ThOD     Not applicable       Chemical oxygen demand (COD)     Not applicable       Persistence and degradability     Not applicable       BOD (% of ThOD)     Not applicable       Personad degradability     Not applicable       BOD (% of ThOD)     Not applicable       Persistence and degradability     Not established.       2.3.     Bioaccumulative potential       JOHNESN'S 20% STARTING FLUID 10.7 OZ     Established.       Bioaccumulative potential     Not established.       Diethyl Ether (60-29-7)     Est fish 1			
Biochemical oxygen demand (BOD)       1.92 g Q <sub>2</sub> /g substance         Chemical oxygen demand (COD)       0.06 g Q <sub>2</sub> /g substance         ThOD       3.52 g Q <sub>2</sub> /g substance         BOD (% of ThOD)       > % ThOD (5 day(s)) > 0.5         Heptane, Branched Cyclic (426260-76-6)       Persistence and degradability         Persistence and degradability       May cause long-term adverse effects in the environment.         Carbon Dioxide, Liquefied, Under Pressure (124-38-9)       Persistence and degradability         Persistence and degradability       Biodegradability: not applicable. Not applicable (gas).         Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         BOD (% of ThOD)       Not applicable         Peroleum Gases, Liquefied, Sweetened (6847-86-8)       Peroleum Gases, Liquefied, Sweetened (6847-86-8)         Persistence and degradability       Not established.         2.3. Bioaccumulative potential       Not established.         Diethyl Ether (60-29-7)       E         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).			
Chemical oxygen demand (COD)       0.06 g O <sub>2</sub> / g substance         ThOD       3.52 g O <sub>2</sub> / g substance         BOD (% of ThOD)       > % ThOD (5 day(s)) > 0.5         Heptane, Branched Cyclic (426260-76-6)       Persistence and degradability         Persistence and degradability       May cause long-term adverse effects in the environment.         Carbon Dioxide, Liquefied, Under Pressure (124-38-9)       Persistence and degradability         Persistence and degradability       Biodegradability: not applicable. Not applicable (gas).         Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         Phot O       Not applicable         BOD (% of ThOD)       Not applicable         BOD (% of ThOD)       Not applicable         Petroleum Gases, Liquefied, Sweetened (68476-86-8)       Persetence and degradability         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.       Eisoaccumulative potential         Diethyl Ether (60-29-7)       E/f fish 1         Bioaccumulative potential       Log Pow         0.82 - 0.89 (Experimental value)       Eisoaccumulation (BCF < 500).	<u> </u>		
ThOD       3.52 g O <sub>2</sub> /g substance         BOD (% of ThOD)       > % ThOD (5 day(s)) > 0.5         Heptane, Branched Cyclic (426260-76-6)       Persistence and degradability         May cause long-term adverse effects in the environment.         Carbon Dioxide, Liquefied, Under Pressure (124-38-9)         Persistence and degradability       Biodegradability: not applicable. Not applicable (gas).         Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         ThOD       Not applicable         BOD (% of ThOD)       Not applicable         Peroleum Gases, Liquefied, Sweetened (68476-86-8)       Peroleum Gases, Liquefied, Sweetened (68476-86-8)         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.       Bioaccumulative potential         Diethyl Ether (60-29-7)       BCF fish 1       0.9 - 9.1 (Cyprinus carpic; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)       Bioaccumulative potential         Log	,		
BOD (% of ThOD)       > % ThOD (5 day(s)) > 0.5         Heptane, Branched Cyclic (426260-76-6)         Persistence and degradability       May cause long-term adverse effects in the environment.         Carbon Dioxide, Liquefied, Under Pressure (124-38-9)         Persistence and degradability       Biodegradability: not applicable. Not applicable (gas).         Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         ThOD       Not applicable         BOD (% of ThOD)       Not applicable         Perforeum Gases, Liquefied, Sweetened (68476-86-8)         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ       Eisaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ       Eisaccumulative potential         Diethyl Ether (60-29-7)       E/Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).			
Heptane, Branched Cyclic (426260-76-6)         Persistence and degradability       May cause long-term adverse effects in the environment.         Carbon Dioxide, Liquefied, Under Pressure (124-38-9)         Persistence and degradability       Biodegradability: not applicable. Not applicable (gas).         Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         ThOD       Not applicable         BOD (% of ThOD)       Not applicable         Persistence and degradability       Not applicable         Perforeum Gases, Liquefied, Sweetened (6847-86-8)       Perforeum Gases, Liquefied, Sweetened (6847-86-8)         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.       Bioaccumulative potential         Bioaccumulative potential       Not established.         Diethyl Ether (60-29-7)       BCF fish 1         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).	-		
Persistence and degradability       May cause long-term adverse effects in the environment.         Carbon Dioxide, Liquefied, Under Pressure (124-38-9)         Persistence and degradability       Biodegradability: not applicable. Not applicable (gas).         Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         BOD (% of ThOD)       Not applicable         Perloleum Gases, Liquefied, Sweetened (68476-86-8)         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential       Not established.         Diethyl Ether (60-29-7)         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).	BOD (% of ThOD)	> % ThOD (5 day(s)) > 0.5	
Persistence and degradability       May cause long-term adverse effects in the environment.         Carbon Dioxide, Liquefied, Under Pressure (124-38-9)         Persistence and degradability       Biodegradability: not applicable. Not applicable (gas).         Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         BOD (% of ThOD)       Not applicable         Perloleum Gases, Liquefied, Sweetened (68476-86-8)         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential       Not established.         Diethyl Ether (60-29-7)         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).	Hentane Branched Cyclic (426260-76-6)		
Carbon Dioxide, Liquefied, Under Pressure (124-38-9)         Persistence and degradability       Biodegradability: not applicable. Not applicable (gas).         Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         ThOD       Not applicable         BOD (% of ThOD)       Not applicable         Petroleum Gases, Liquefied, Sweetened (68476-86-8)         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential         Not established.         Diethyl Ether (60-29-7)         BCF fish 1       0.9 - 9.1 (Cyprinus carpic; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).		May cause long term adverse effects in the environment	
Persistence and degradability       Biodegradability: not applicable. Not applicable (gas).         Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         ThOD       Not applicable         BOD (% of ThOD)       Not applicable         Petroleum Gases, Liquefied, Sweetened (6847-86-8)         Petroleum Gases, Liquefied, Sweetened (6847-86-8)         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential         Diethyl Ether (60-29-7)         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).		May cause long-term adverse enects in the environment.	
Biochemical oxygen demand (BOD)       Not applicable         Chemical oxygen demand (COD)       Not applicable         ThOD       Not applicable         BOD (% of ThOD)       Not applicable         Petroleum Gases, Liquefied, Sweetened (68476-86-8)         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential         Not established.         Diethyl Ether (60-29-7)         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).	Carbon Dioxide, Liquefied, Under Pressure (	124-38-9)	
Chemical oxygen demand (COD)       Not applicable         ThOD       Not applicable         BOD (% of ThOD)       Not applicable         Petroleum Gases, Liquefied, Sweetened (6847-86-8)         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential       Not established.         Diethyl Ether (60-29-7)         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).	Persistence and degradability	Biodegradability: not applicable. Not applicable (gas).	
Chemical oxygen demand (COD)       Not applicable         ThOD       Not applicable         BOD (% of ThOD)       Not applicable         Petroleum Gases, Liquefied, Sweetened (6847-86-8)         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential       Not established.         Diethyl Ether (60-29-7)         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).	<u> </u>		
ThOD       Not applicable         BOD (% of ThOD)       Not applicable         Petroleum Gases, Liquefied, Sweetened (68476-86-8)         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential         Not established.         Diethyl Ether (60-29-7)         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).			
BOD (% of ThOD)       Not applicable         Petroleum Gases, Liquefied, Sweetened (6847-86-8)       Not established.         Persistence and degradability       Not established.         2.3.       Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.       Not established.         Bioaccumulative potential       Not established.         Diethyl Ether (60-29-7)       Not established.         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).         Toluene (108-88-3)       BCF fish 1       13.2 (Anguilla japonica)         BCF fish 2       90 (72 h; Leuciscus idus)			
Petroleum Gases, Liquefied, Sweetened (68476-86-8)         Persistence and degradability       Not established.         2.3. Bioaccumulative potential       JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential       Not established.         Diethyl Ether (60-29-7)       Not established.         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).			
Persistence and degradability       Not established.         2.3. Bioaccumulative potential       JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential       Not established.         Diethyl Ether (60-29-7)       Not established.         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).			
2.3. Bioaccumulative potential         JOHNSEN'S 20% STARTING FLUID 10.7 OZ.         Bioaccumulative potential       Not established.         Diethyl Ether (60-29-7)         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).		Petroleum Gases, Liquefied, Sweetened (68476-86-8)	
JOHNSEN'S 20% STARTING FLUID 10.7 OZ.Bioaccumulative potentialNot established.Diethyl Ether (60-29-7)BCF fish 10.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)Log Pow0.82 - 0.89 (Experimental value)Bioaccumulative potentialLow potential for bioaccumulation (BCF < 500).	Persistence and degradability	Not established.	
JOHNSEN'S 20% STARTING FLUID 10.7 OZ.Bioaccumulative potentialNot established.Diethyl Ether (60-29-7)BCF fish 10.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)Log Pow0.82 - 0.89 (Experimental value)Bioaccumulative potentialLow potential for bioaccumulation (BCF < 500).	12.3. Bioaccumulative potential		
Bioaccumulative potential       Not established.         Diethyl Ether (60-29-7)       O.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).			
Diethyl Ether (60-29-7)         BCF fish 1       0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)         Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).			
BCF fish 10.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)Log Pow0.82 - 0.89 (Experimental value)Bioaccumulative potentialLow potential for bioaccumulation (BCF < 500).	Bioaccumulative potential	NOT ESTADIISNED.	
BCF fish 10.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)Log Pow0.82 - 0.89 (Experimental value)Bioaccumulative potentialLow potential for bioaccumulation (BCF < 500).	Diethyl Ether (60-29-7)		
Log Pow       0.82 - 0.89 (Experimental value)         Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).		0.9 - 9.1 (Cyprinus carpio; Test duration: 6 weeks)	
Bioaccumulative potential       Low potential for bioaccumulation (BCF < 500).         Toluene (108-88-3)       BCF fish 1       13.2 (Anguilla japonica)         BCF fish 2       90 (72 h; Leuciscus idus)			
Toluene (108-88-3)         BCF fish 1       13.2 (Anguilla japonica)         BCF fish 2       90 (72 h; Leuciscus idus)			
BCF fish 1     13.2 (Anguilla japonica)       BCF fish 2     90 (72 h; Leuciscus idus)			
BCF fish 2 90 (72 h; Leuciscus idus)	Toluene (108-88-3)		
	BCF fish 1	13.2 (Anguilla japonica)	
BCF other aquatic organisms 1       380 (24 h; Chlorella sp.; Fresh weight)	BCF fish 2	90 (72 h; Leuciscus idus)	
	BCF other aquatic organisms 1	380 (24 h; Chlorella sp.; Fresh weight)	
	· · · ·		

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Toluene (108-88-3)		
BCF other aquatic orga	nisms 2	4.2 (Mytilus edulis; Fresh weight)
Log Pow		2.73 (Experimental value; Other; 20 °C)
Bioaccumulative potent	ial	Low potential for bioaccumulation (BCF < 500).
Heptane (142-82-5)		
BCF other aquatic orga	nisms 1	552
Log Pow		4.66 (Experimental value; 4.5; Literature)
Bioaccumulative potent	ial	Potential for bioaccumulation ( $4 \ge Log$ Kow $\le 5$ ).
Heptane, Branched Cy	clic (426260-76-6)	
Bioaccumulative potent	ial	Not established.
Carbon Dioxide, Lique	efied, Under Pressure (*	124-38-9)
Log Pow	· · ·	0.83 (Experimental value)
Bioaccumulative potent	ial	Bioaccumulation: not applicable.
Petroleum Gases, Lig	uefied, Sweetened (684	76-86-8)
Bioaccumulative potent		Not established.
12.4. Mobility in soi		
12.4. WODINLY IN SO		
Diethyl Ether (60-29-7)		
Surface tension		0.017 N/m (20 °C)
Toluene (108-88-3)		
Surface tension		0.03 N/m (20 °C)
Heptane (142-82-5)		
Surface tension		0.020 N/m (20 °C)
12.5. Other adverse	effects	
Other information		: Avoid release to the environment.
SECTION 13: Dispo	osal consideration	S
13.1. Waste treatme		
Waste disposal recomme	endations	: Dispose in a safe manner in accordance with local/national regulations. Container under
		pressure. Do not drill or burn even after use. Dispose of contents/container to appropriate waster
Additional information		disposal facility, in accordance with local, regional, national, international regulations. Flammable vapors may accumulate in the container.
Additional information Ecology - waste materials		: Avoid release to the environment.
LCOlogy - waste materials	5	
SECTION 14: Trans		
In accordance with ADR	/ RID / IMDG / IATA / AD	NN
US DOT (ground):	UN1950, Aerosols, 2.1,	Limited Quantity
ICAO/IATA (air):	UN1950, Aerosols, 2.1	, Limited Quantity
IMO/IMDG (water):	UN1950, Aerosols, 2.1	(Marine Pollutant-Heptane), Limited Quantity
Special Provisions:	N82 - See 173.306 of th	is subchapter for classification criteria for flammable aerosols.
14.2 LIN proper ch	nning name	
14.2. UN proper shi Proper Shipping Name (I		: Aerosols
т торет эпіррінд магле (L		flammable, n.o.s. (engine starting fluid) (each not exceeding 1 L capacity)
Department of Transport	ation (DOT) Hazard	: 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
Classes		. 2.1 Old35 2.1 Thamhable gas 45 OT (175.115
Hazard labels (DOT)		: 2.1 - Flammable gas
DOT Special Provisions (	(49 CFR 172.102)	: N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.
DOT Packaging Exception	· · · · · ·	: 306
DOT Packaging Non Bull		: 304
DOT Packaging Bulk (49		: None

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14.3. Additional information	
Other information	: No supplementary information available.
Overland transport	
No additional information available	
Transport by sea	
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other	: 48 - Stow "away from" sources of heat,87 - Stow "separated from" Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials
Subsidiary risks (IMDG)	: Marine Pollutant-Heptane
Air transport	
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: Forbidden
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 150 kg
SECTION 15: Regulatory information	
15.1. US Federal regulations	
JOHNSEN'S 20% STARTING FLUID 10.7 OZ.	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Fire hazard
	Immediate (acute) health hazard Sudden release of pressure hazard
Diethyl Ether (60-29-7)	·
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Fire hazard
Toluene (108-88-3)	
Listed on United States SARA Section 313 Listed on the United States TSCA (Toxic Substa	nces Control Act) inventory
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Fire hazard
	Immediate (acute) health hazard
Heptane, Branched Cyclic (426260-76-6)	estenses Control Act) inventory
Not listed on the United States TSCA (Toxic Sub SARA Section 311/312 Hazard Classes	Stances Control Act) inventory
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
Distillates (Petroleum), Hydrotreated Heavy N	laphthenic (64742-52-5)
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard
Petroleum Gases, Liquefied, Sweetened (684	76-86-8)
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

### 15.2. International regulations CANADA

JOHNSEN'S 20% STARTING FLUID 10.7 OZ.	
WHMIS Classification	Class B Division 5 - Flammable Aerosol
Toluene (108-88-3)	
WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Heptane, Branched Cyclic (426260-76-6)	
WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects

#### **EU-Regulations**

Toluene (108-88-3)	
Listed on the EEC inventory EINECS (European	Inventory of Existing Commercial Chemical Substances)

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#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Carc.Cat.1; R45 Muta.Cat.2; R46 Repr.Cat.3; R63 F+; R12 Xn; R22 Xi; R38 R19

Full text of R-phrases: see section 16

#### 15.2.2. National regulations

No additional information available

#### 15.3. US State regulations

JOHNSEN'S 20% STARTING FLUID 10.7 OZ.	
State or local regulations	U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

Toluene (108-88-3)

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

#### **SECTION 16: Other information**

Other information

Full

#### : None.

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 1A	Carcinogenicity Category 1A
Compressed gas	Gases under pressure Compressed gas
Flam. Aerosol 1	Flammable aerosol Category 1
Flam. Gas 1	Flammable gases Category 1
Flam. Liq. 1	Flammable liquids Category 1
Flam. Liq. 2	Flammable liquids Category 2
Muta. 1B	Germ cell mutagenicity Category 1B
Repr. 2	Reproductive toxicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H224	Extremely flammable liquid and vapor
H225	Highly flammable liquid and vapor
H280	Contains gas under pressure; may explode if heated
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

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NFPA health hazard	: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard	: 4 - Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn readily.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	: 4 Severe Hazard
Physical	: 1 Slight Hazard
Personal Protection	: В

SDS US (GHS HazCom 2012) - TCC

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.