

PENRAY WINTER POW-R® PLUS

Safety Data Sheet according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012. Date of issue: 04/28/2014 Revision date: 04/28/2014 Version: 1.0

CECTION 4. How title attent of the avail	a tay a further and of the same and undertable a
	ostance/mixture and of the company/undertaking
1.1. Product identifier	
Product name Product code	: PENRAY WINTER POW-R® PLUS DIESEL ANTI-GEL : 202005
1.2. Relevant identified uses of the sub	stance or mixture and uses advised against
Use of the substance/mixture	: Winter diesel fuel treatment.
1.3. Details of the supplier of the safety	data sheet
The Penray Companies, Inc. 440 Denniston Ct. 60090 Wheeling, IL T (800) 373-6729 rotto@penray.com	
1.4. Emergency telephone number	
Emergency number	: (800) 373-6729 CHEMTREC (800) 424-9300 CHEMTREC International +1 (703) 527-3887 24 hr
SECTION 2: Hazards identification	
2.1. Classification of the substance or r	nixture
GHS-US classification	
Flammable Liquid 2 Acute toxicity 4 (Inhalation) Skin irritation 2 Eye irritation 2A Carcinogenicity 2 Reproductive toxicity 2 Specific target organ toxicity - Single exposure 3 Specific target organ toxicity - Repeated exposure 3 Aspiration hazard 1	
2.2. Label elements	
GHS-US labelling	
Hazard pictograms (GHS-US)	HS02 GHS07 GHS08
Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	 Highly flammable liquid and vapor. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways.
Precautionary statements (GHS-US)	Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe gas/mist/vapors/spray. If exposed or concerned: Get medical advice/attention. If on skin (or hair): Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed. Dispose of contents and container in accordance with all local, regional, national and international regulations.
2.3. Other hazards	
No additional information available	



Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

2.4. Unknown acute toxicity (GHS-US)

11 % of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable 3.2. Mixture

Name	Product identifier	%	GHS-US classification
Toluene	(CAS No) 108-88-3	30 - 60	Flam. Liq. 2 Acute Tox. 4 (Oral) Skin Irrit. 2 Repr. 2 STOT SE 3 STOT RE 2 Asp. Tox. 1
Solvent naphtha, petroleum, heavy aromatic	(CAS No) 64742-94-5	7 - 13	Flam. Liq. 3 Asp. Tox. 1
Solvent naphtha, petroleum, light aromatic	(CAS No) 64742-95-6	1 - 5	Asp. Tox. 1
Pseudocumene	(CAS No) 95-63-6	1 - 5	Flam. Liq. 3 Acute Tox. 4 (Inhalation) Skin Irrit. 2 Eye Irrit. 2A STOT SE 3
Naphthalene	(CAS No) 91-20-3	1 - 5	Acute Tox. 4 (Oral, Dermal) Carc. 2
2-Ethylhexyl nitrate	(CAS No) 27247-96-7	1 - 5	Flam. Liq. 4 Acute Tox. 4 (Inhalation)
Xylenes (o-, m-, p- isomers)	(CAS No) 1330-20-7	1 - 5	Flam. Liq. 3 Acute Tox. 4 (Dermal, Inhalation) Skin Irrit. 2
Methylxylene	(CAS No) 25551-13-7	1 - 5	Flam. Liq. 3 Skin Irrit. 2 Eye Irrit. 2A STOT SE 3
2-Butoxyethanol	(CAS No) 111-76-2	1 - 5	Flam. Liq. 3 Acute Tox. 4 (Oral, Dermal, Inhalation) Skin Irrit. 2 Eye Irrit. 2A
Diethylene glycol monomethyl ether	(CAS No) 111-77-3	0.1 - 1	Flam. Liq. 4 Eye Irrit. 2A Repr. 2
Phenylethane	(CAS No) 100-41-4	0.1 - 1	Flam. Liq. 2 Acute Tox. 4 (Inhalation) Carc. 2
Vinyl acetate	(CAS No) 108-05-4	0.1 - 1	Carc. 2
Cumene	(CAS No) 98-82-8	0.1 - 1	Flam. Liq. 3 Acute Tox. 4 (Oral) Carc. 2

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4: First aid measures 4.1. Description of first aid measures First-aid measures after inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention if you feel unwell. First-aid measures after skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists. First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to the contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to the contact, immediately flush eyes with plenty of water for at least 15 minutes.

First-aid measures after ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. New anything by mouth to an unconscious person. Get immediate medical advice/attention.	First-aid measures after eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention.
	First-aid measures after ingestion	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

4.2.	Most important symptoms and effe	cts	, both acute and delayed
Sympt	oms/injuries after inhalation	:	Harmful if inhaled. May cause drowsiness, dizziness and central nervous system depression. May cause respiratory tract irritation.
Sympt	oms/injuries after skin contact	:	Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Sympt	oms/injuries after eye contact	:	Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Sympt	oms/injuries after ingestion	:	May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.



Safety Data Sheet according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

4.3. Indication of any im	Indication of any immediate medical attention and special treatment needed				
Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).					
SECTION 5: Firefighting measures					
5.1. Extinguishing media	a				
Suitable extinguishing media		Powder, water spray, foam, carbon die	oxide.		
Unsuitable extinguishing media		Do not use a heavy water stream.			
5.2. Special hazards aris	ing from the subs	tance or mixture			
Fire hazard		Products of combustion may include,	and are not limited to: oxides of carbon.		
5.3. Advice for firefighte	rs		· · · · · · · · · · · · · · · · · · ·		
Protection during firefighting		 Keep upwind of fire. Wear full fire figh protection (SCBA). Use water spray to 	ting turn-out gear (full Bunker gear) and respiratory b keep fire-exposed containers cool.		
SECTION 6: Accidental	release measu	ires			
6.1. Personal precaution	s, protective equi	pment and emergency procedures			
General measures		: Use personal protection recommende unnecessary and unprotected person	d in Section 8. Isolate the hazard area and deny entry to nel. Eliminate sources of ignition.		
6.2. Methods and materi	al for containmen	t and cleaning up			
For containment			material (e.g. sand, vermiculite), then place in a suitable ow to enter waterways. Use appropriate Personal		
Methods for cleaning up		Scoop up material and place in a disp	osal container. Provide ventilation.		
6.3. Reference to other s	sections				
See section 8 for further information	ation on protective	clothing and equipment and section 13 f	or advice on waste disposal.		
SECTION 7: Handling a	nd storage				
7.1. Precautions for safe	handling				
Precautions for safe handling		breathe gas/mist/vapors/spray. Do no	No smoking. Avoid contact with skin and eyes. Do not t swallow. Handle and open container with care. Use only ot eat, drink or smoke. Use only outdoors or in a well-		
Hygiene measures		Launder contaminated clothing before	e reuse. Wash hands before eating, drinking, or smoking.		
7.2. Conditions for safe	.2. Conditions for safe storage, including any incompatibilities				
Storage conditions		Keep out of the reach of children. Kee Store locked up. Keep cool. Keep awa	ep container tightly closed and in a well-ventilated place. ay from heat, sparks, and flame.		
7.3. Specific end use(s)					
Not available.					
SECTION 8: Exposure of	ontrols/perso	nal protection			
8.1. Control parameters					
Toluene (108-88-3)					
USA ACGIH	ACGIH TWA (pp	m)	20 ppm		
USA OSHA	OSHA PEL (TW)	A) (ppm)	200 ppm		
USA OSHA	OSHA PEL (STE	EL) (ppm)	150 ppm		
USA OSHA	OSHA PEL (Ceiling) (ppm)		300 ppm		
Solvent naphtha, petroleum, heavy aromatic (64742-94-5)					
USA ACGIH	ACGIH TWA		Not applicable.		
USA OSHA	OSHA PEL (TW)	A)	Not applicable.		
Solvent naphtha, petroleum, light aromatic (64742-95-6)					
USA ACGIH	ACGIH TWA	++++2=90=0)	Not applicable.		
USA OSHA	OSHA PEL (TW)	۹)	Not applicable.		
Pseudocumene (95-63-6)					
USA ACGIH	ACGIH TWA (pp	m)	25 ppm		



Safety Data Sheet according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Naphthalene (91-20-3)				
USA ACGIH	ACGIH TWA (ppm)	10 ppm		
USA ACGIH	ACGIH STEL (ppm)	15 ppm		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	50 mg/m ³		
USA OSHA	OSHA PEL (TWA) (Ing/II-) OSHA PEL (TWA) (ppm)	10 ppm		
2-Ethylhexyl nitrate (27247-9				
USA ACGIH	ACGIH TWA	Not applicable.		
USA OSHA	OSHA PEL (TWA)	Not applicable.		
Xylenes (o-, m-, p- isomers)	(1330-20-7)			
USA ACGIH	ACGIH TWA (ppm)	100 ppm		
USA ACGIH	ACGIH STEL (ppm)	150 ppm		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³		
USA OSHA	OSHA PEL (TWA) (ppm)	100 ppm		
Methylxylene (25551-13-7)				
USA ACGIH	ACGIH TWA (ppm)	25 ppm		
USA OSHA	OSHA PEL (TWA) (mg/m³)	125 mg/m³		
USA OSHA	OSHA PEL (TWA) (ppm)	25 ppm		
2 Butoyucthanal (444 70 0)	•			
2-Butoxyethanol (111-76-2) USA ACGIH	ACGIH TWA (ppm)	20 ppm		
USA OSHA				
	OSHA PEL (TWA) (mg/m ³)	240 mg/m ³		
USA OSHA	OSHA PEL (TWA) (ppm)	50 ppm		
Diethylene glycol monomet	hyl ether (111-77-3)			
USA ACGIH	ACGIH TWA	Not applicable.		
USA OSHA	OSHA PEL (TWA)	Not applicable.		
Phenylethane (100-41-4)				
USA ACGIH	ACGIH TWA (ppm)	20 ppm		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³		
USA OSHA	OSHA PEL (TWA) (ppm)	100 ppm		
Vinyl acetate (108-05-4)				
USA ACGIH	ACGIH TWA (ppm)	10 ppm		
USA ACGIH	ACGIH STEL (ppm)	15 ppm		
Cumene (98-82-8)				
USA ACGIH	ACGIH TWA (ppm)	50 ppm		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	245 mg/m ³		
USA OSHA	OSHA PEL (TWA) (ppm)	50 ppm		
8.2. Exposure controls		00 PP		
Appropriate engineering control	s : Use ventilation adequate to keep	exposures (airborne levels of dust, fume, vapor, etc.) below		
	recommended exposure limits.			
Personal protective equipment	: Avoid all unnecessary exposure.			
Hand protection	: Wear chemically resistant protec	0		
Eye protection Skin and body protection	: Sarety glasses or goggles are re : Wear suitable protective clothing	commended when using product.		
Respiratory protection		recommended in poorly ventilated areas or when permissible		
	exposure limits may be exceede exposure levels, the hazards of t	d. Respirator selection must be based on known or anticipated the product and the safe working limits of the selected respirator		
Environmental exposure contro		: Maintain levels below Community environmental protection thresholds.		
Other information		material is handled, processed or stored. Wash hands carefully according to established industrial hygiene and safety practices.		
04/00/0044				

EN (English)



Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.		
SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and chemical properties		
Physical state	: Liquid.	
Colour	: Amber.	
Odour	: Petroleum odor.	
Odour threshold	: No data available.	
рН	: No data available.	
Relative evaporation rate (butylacetate=1)	: No data available.	
Melting point	: No data available.	
Freezing point	: No data available.	
Boiling point	: No data available.	
Flash point	: ~ 12 °C (~ 54 °F)	
Self ignition temperature	: No data available.	
Decomposition temperature	: No data available.	
Flammability (solid, gas)	: Flammable.	
Vapour pressure	: No data available.	
Relative vapour density at 20 °C	: No data available.	
Relative density	: 0.871 - 0.881	
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.	
Oxidising properties	: No data available.	
Explosive limits	: No data available.	
9.2. Other information		
No additional information available		
SECTION 10: Stability and reactivity	y la	
10.1. Reactivity		
No dangerous reaction known under conditions of normal use.		
10.2. Chemical stability		
Stable under normal storage conditions. May form flammable/explosive vapour-air mixture.		
10.3. Possibility of hazardous reactions		
No dangerous reaction known under conditions of normal use.		
10.4. Conditions to avoid		
Heat. Incompatible materials. Open flame.		
10.5. Incompatible materials		
Strong oxidizing agents.		
10.6. Hazardous decomposition products		
May include, and are not limited to: oxides of carbon.		

SECTION 11: Toxicological information

 11.1.
 Information on toxicological effects

 Acute toxicity
 Inclusion

: Harmful if inhaled.

202005	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	~ 19.6 mg/l/4h
Toluene (108-88-3)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	12124 mg/kg
LD50 dermal rabbit	8390 mg/kg
LC50 inhalation rat (mg/l)	28.1 mg/l/4h
Solvent naphtha, petroleum, heavy aromatic (64742-94-5)	
LD50 oral rat	> 5000 mg/kg
04/28/2014	EN (English) 5/9



Safety Data Sheet according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Solvent naphtha, petroleum, heavy aromatic		
LD50 dermal rabbit	> 2000mg/kg	
LC50 inhalation rat (mg/l)	> 5.28 mg/l/4h	
Solvent naphtha, petroleum, light aromatic (6	4742-95-6)	
LD50 oral rat	8400 mg/kg	
LD50 dermal rabbit	> 2000 mg/kg	
LC50 inhalation rat (ppm)	3400 ppm/4h	
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h	
Pseudocumene (95-63-6) LD50 oral rat	2400 mallia	
LD50 dermal rabbit	3400 mg/kg > 3160 mg/kg	_
LC50 inhalation rat (mg/l)	18 g/m ³ /4h	_
Naphthalene (91-20-3)	1	
LD50 oral rat	490 mg/kg	
LD50 dermal rabbit	> 20 g/kg	
2-Ethylhexyl nitrate (27247-96-7)		
LD50 oral rat	> 2000 mg/kg	
LD50 dermal rabbit	> 4820 mg/kg	
LC50 inhalation rat (mg/l)	> 14 mg/l/4h	
Xylenes (o-, m-, p- isomers) (1330-20-7)	•	
LD50 oral rat	4300 mg/kg	
LD50 dermal rabbit	> 1700 mg/kg	-
LC50 inhalation rat (ppm)	5000 ppm/4h	_
LC50 inhalation rat (mg/l)	47635 mg/l/4h	_
Methylxylene (25551-13-7)		
LD50 oral rat	8970 mg/kg	
2-Butoxyethanol (111-76-2)		
LD50 oral rat	470 mg/kg	
LC50 inhalation rat (ppm)	450 ppm/4h	
Diethylene glycol monomethyl ether (111-77-	3)	
LD50 oral rat	7128 mg/kg	
LD50 dermal rabbit	9404 mg/kg	
Dhamdathana (400, 44, 4)		
Phenylethane (100-41-4) LD50 oral rat	2500 mallia	_
LD50 dermal rabbit	3500 mg/kg	_
	15354 mg/kg 17.2 mg/l/4h	_
LC50 inhalation rat (mg/l)	17.2 119/1/41	
Vinyl acetate (108-05-4)	1	
LD50 oral rat	2920 mg/kg	
LD50 dermal rabbit	2320 mg/kg	
LC50 inhalation rat (mg/l)	11400 mg/m³/4h	
Cumene (98-82-8)		
LD50 oral rat	1400 mg/kg	
LD50 dermal rabbit	> 3160 mg/kg	
LC50 inhalation rat (mg/l)	39000 mg/m³/4 h	
Skin corrosion/irritation	: Causes skin irritation.	
Serious eye damage/irritation	: Causes serious eye irritation.	
Respiratory or skin sensitisation	: Based on available data, the classification criteria are not met.	
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.	
Carcinogenicity	: Suspected of causing cancer.	
Toluene (108-88-3)	1	
IARC group	3	
Naphthalene (91-20-3)		
IARC group	2B	
National Toxicity Program (NTP) Status	1, 3	
04/28/2014	EN (English) 6	i/9



Safety Data Sheet according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Xylenes (o-, m-, p- isomers) (1330-20-7)		
IARC group	3	
2-Butoxyethanol (111-76-2)		
IARC group	3	
National Toxicity Program (NTP) Status	1	
Phenylethane (100-41-4)		
IARC group	2B	
National Toxicity Program (NTP) Status	1	
Vinyl acetate (108-05-4)		
IARC group	2B	
Cumene (98-82-8)	·	
IARC group	2B	
National Toxicity Program (NTP) Status	1	
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 exposure)	: May cause damage to organs through prolonged or repeated exposure.	
Aspiration hazard	: May be fatal if swallowed and enters airways.	
Symptoms/injuries after inhalation	: Harmful if inhaled. May cause drowsiness, dizziness and central nervous system depression. May cause respiratory tract irritation.	
Symptoms/injuries after skin contact	 Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. 	
Symptoms/injuries after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.	
Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.	
SECTION 12: Ecological information		
12.1. Toxicity		
	: May cause long-term adverse effects in the aquatic environment.	
12.2. Persistence and degradability		
202005		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
12.3. Bioaccumulative potential 202005		
Bioaccumulative potential 202005 Bioaccumulative potential	Not established.	
Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil	Not established.	
Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available	Not established.	
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. Other adverse effects	Not established.	
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. Other adverse effects No additional information available		
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. Other adverse effects No additional information available		
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. Other adverse effects No additional information available SECTION 13: Disposal considerations		
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. Other adverse effects No additional information available SECTION 13: Disposal considerations 13.1. Waste treatment methods Waste disposal recommendations	S : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.	
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. Other adverse effects No additional information available SECTION 13: Disposal considerations 13.1. Waste treatment methods Waste disposal recommendations	s : This material must be disposed of in accordance with all local, state, provincial, and federal	
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. Other adverse effects No additional information available SECTION 13: Disposal considerations 13.1. Waste treatment methods Waste disposal recommendations Additional information	S : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.	
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. Other adverse effects No additional information available SECTION 13: Disposal considerations 13.1. Waste treatment methods Waste disposal recommendations Additional information SECTION 14: Transport information	S : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.	
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. Other adverse effects No additional information available SECTION 13: Disposal considerations 13.1. Waste treatment methods Waste disposal recommendations Additional information SECTION 14: Transport information In accordance with DOT	S : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.	
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. Other adverse effects No additional information available SECTION 13: Disposal considerations 13.1. Waste treatment methods Waste disposal recommendations Additional information SECTION 14: Transport information In accordance with DOT 14.1. UN number	S : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.	
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. Other adverse effects No additional information available SECTION 13: Disposal considerations 13.1. Waste treatment methods Waste disposal recommendations Additional information SECTION 14: Transport information In accordance with DOT 14.1. UN number UN-No.	 S This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible. Handle empty containers with care because residual vapours are flammable. 	
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. Other adverse effects No additional information available SECTION 13: Disposal considerations 13.1. Waste treatment methods Waste disposal recommendations Additional information SECTION 14: Transport information In accordance with DOT 14.1. UN number UN-No. 14.2. UN proper shipping name	S : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible. : Handle empty containers with care because residual vapours are flammable. : UN1993	
12.3. Bioaccumulative potential 202005 Bioaccumulative potential 12.4. Mobility in soil No additional information available 12.5. 12.5. Other adverse effects No additional information available 13.1. SECTION 13: Disposal considerations 13.1. Waste treatment methods Waste disposal recommendations Additional information SECTION 14: Transport information In accordance with DOT 14.1. UN number UN-No.	 S This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible. Handle empty containers with care because residual vapours are flammable. 	



Safety Data Sheet according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Hazard labels	
Packing group (DOT)	: 11
14.3. Additional information	
Other information	: No supplementary information available.
Special transport precautions	: Do not handle until all safety precautions have been read and understood.

SECTION 15: Regulatory information

15.1. US Federal regulations

Toluene (108-88-3)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 313 (Specific toxic chemical listings)		
SARA Section 313 - Emission Reporting 1.0 %		
Solvent naphtha, petroleum, heavy aromatic (64742-94-5)	
Listed on the United States TSCA (Toxic Substan	ces Control Act) inventory	
Solvent naphtha, petroleum, light aromatic (64	1742-95-6)	
Listed on the United States TSCA (Toxic Substan	ces Control Act) inventory	
Pseudocumene (95-63-6)		
Listed on the United States TSCA (Toxic Substan Listed on SARA Section 313 (Specific toxic chem		
SARA Section 313 - Emission Reporting	1.0 %	
Naphthalene (91-20-3)		
Listed on the United States TSCA (Toxic Substan Listed on SARA Section 313 (Specific toxic chem		
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.	
SARA Section 313 - Emission Reporting	0.1 %	
2-Ethylhexyl nitrate (27247-96-7)		
Listed on the United States TSCA (Toxic Substan	ces Control Act) inventory	
Xylenes (o-, m-, p- isomers) (1330-20-7)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 313 (Specific toxic chemical listings)		
SARA Section 313 - Emission Reporting 1.0 %		
Methylxylene (25551-13-7)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
2-Butoxyethanol (111-76-2)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Diethylene glycol monomethyl ether (111-77-3)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Phenylethane (100-41-4)		
	Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 313 (Specific toxic chemical listings)	
SARA Section 313 - Emission Reporting 0.1 %		
Vinyl acetate (108-05-4)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 302 (Specific toxic chemical listings) Listed on SARA Section 313 (Specific toxic chemical listings)		
SARA Section 302 Threshold Planning 1000 Quantity (TPQ)		
SARA Section 313 - Emission Reporting 0.1 %		
Cumene (98-82-8)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 313 (Specific toxic chemical listings)		
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.	
04/28/2014	EN (English) 8/9	

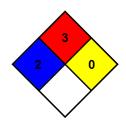


Safety Data Sheet according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

defects or other reproductive harm.	Cumene (98-82-8)				
202005 State or local regulations This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.	SARA Section 313 - Emission Reporting	1.0 %			
State or local regulations This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.					
defects or other reproductive harm.	202005				
	State or local regulations	This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.			
SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:					

IARC	International Agency for Research on Cancer.
	 1 - Carcinogenic to humans; 2A - Probably carcinogenic to humans; 2B - Possibly carcinogenic to humans; 2B - Net short interview in the second secon
	3 - Not classifiable;4 - Probably not carcinogenic to humans.
NTP	National Toxicology Program.
	 Evidence of Carcinogenicity; Known Human Carcinogens; Reasonably anticipated to be Human Carcinogen; Substances delisted from report on Carcinogens; Twelfth Report - Items under consideration.

SECTION 16: Other information		
Indication of changes	:	None.
Date of issue	:	04/28/2014
Other information	:	None.
NFPA health hazard NFPA fire hazard NFPA reactivity	:	2 3 0



This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

