

# SAFETY DATA SHEET



## CYCLO® BREAKAWAY FAST PENETRATING OIL

Version 1.2      Revision Date: 03/29/2023      SDS Number: 600000002365      Date of last issue: 01/05/2023  
Date of first issue: 09/09/2020

---

### SECTION 1. IDENTIFICATION

Product name : CYCLO BREAKAWAY FAST OIL AERO 12/13OZ  
Product code : C10

#### Manufacturer or supplier's details

Company name of supplier : Niteo Products, LLC  
Address : Dallas TX 75225  
Email Address : EHS@niteoproducts.com  
Telephone : 1-844-696-4836  
Emergency telephone number : 1-800-424-9300 / 1-703-741-5970

#### Recommended use of the chemical and restrictions on use

Recommended use : Lubricant  
Restrictions on use : Use only outdoors or in a well-ventilated area.

---

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable aerosols : Category 2  
Skin irritation : Category 2  
Eye irritation : Category 2A  
Aspiration hazard : Category 1

#### GHS label elements

Hazard pictograms : 

Signal word : Danger

Hazard statements : Flammable aerosol.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.  
Causes serious eye irritation.

# SAFETY DATA SHEET



## CYCLO® BREAKAWAY FAST PENETRATING OIL

Version 1.2      Revision Date: 03/29/2023      SDS Number: 600000002365      Date of last issue: 01/05/2023  
Date of first issue: 09/09/2020

Precautionary statements

**Prevention:**

Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.  
Do not spray on an open flame or other ignition source.  
Pressurized container: Do not pierce or burn, even after use.  
Wash skin thoroughly after handling.  
Wear protective gloves/ eye protection/ face protection.

**Response:**

IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
IF ON SKIN: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Do NOT induce vomiting.  
If skin irritation occurs: Get medical advice/ attention.  
If eye irritation persists: Get medical advice/ attention.  
Take off contaminated clothing and wash before reuse.

**Storage:**

Store locked up.  
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

**Disposal:**

Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

**Hazardous components**

Chemical name	CAS-No.	Concentration (% w/w)
Distillates (petroleum)	64742-52-5	>= 70 - < 90
Mineral Oil, Petroleum	64742-06-9	>= 5 - < 10
Cyclohexanone	108-94-1	>= 1 - < 3
Distillates (petroleum)	64742-47-8	>= 1 - < 5
Oxidate	Not Assigned	>= 1 - < 5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

### SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Symptoms of poisoning may appear several hours later.  
Do not leave the victim unattended.

# SAFETY DATA SHEET



## CYCLO® BREAKAWAY FAST PENETRATING OIL

Version 1.2      Revision Date: 03/29/2023      SDS Number: 600000002365      Date of last issue: 01/05/2023  
Date of first issue: 09/09/2020

---

- If inhaled : If breathed in, move person into fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : If on clothes, remove clothes.  
Remove contaminated clothing. If irritation develops, get medical attention.  
If on skin, rinse well with water.  
Wash contaminated clothing before re-use.  
If skin irritation persists, call a physician.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Obtain medical attention.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : May be fatal if swallowed and enters airways.  
Causes skin irritation.  
Causes serious eye irritation.
- 

### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Alcohol-resistant foam
- Unsuitable extinguishing media : High volume water jet
- Hazardous combustion products : Carbon oxides
- Specific extinguishing methods : Product is compatible with standard fire-fighting agents.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use a water spray to cool fully closed containers.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- 

### SECTION 6. ACCIDENTAL RELEASE MEASURES

**CYCLO® BREAKAWAY FAST PENETRATING OIL**

Version 1.2      Revision Date: 03/29/2023      SDS Number: 600000002365      Date of last issue: 01/05/2023  
Date of first issue: 09/09/2020

---

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Remove all sources of ignition.  
Ensure adequate ventilation.  
Avoid breathing dust.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.  
Evacuate personnel to safe areas.  
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.  
Prevent product from entering drains.  
Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.

---

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
Keep away from open flames, hot surfaces and sources of ignition.  
Use only explosion-proof equipment.  
Do not spray on a naked flame or any incandescent material.
- Advice on safe handling : Open drum carefully as content may be under pressure.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Do not breathe vapours/dust.  
Do not smoke.  
Take precautionary measures against static discharges.  
Avoid contact with skin and eyes.  
Dispose of rinse water in accordance with local and national regulations.  
Container hazardous when empty.  
Smoking, eating and drinking should be prohibited in the application area.  
For personal protection see section 8.
- Conditions for safe storage : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.  
Keep container tightly closed in a dry and well-ventilated place.  
Observe label precautions.  
No smoking.
- Further information on storage stability : No decomposition if stored and applied as directed.

---

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

# SAFETY DATA SHEET



## CYCLO® BREAKAWAY FAST PENETRATING OIL

Version 1.2      Revision Date: 03/29/2023      SDS Number: 600000002365      Date of last issue: 01/05/2023  
 Date of first issue: 09/09/2020

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Distillates (petroleum)	64742-52-5	TWA (Mist)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Inhalable particulate matter)	5 mg/m <sup>3</sup>	ACGIH
		TWA (Mist)	5 mg/m <sup>3</sup>	OSHA P0
		TWA (Mist)	5 mg/m <sup>3</sup>	NIOSH REL
		ST (Mist)	10 mg/m <sup>3</sup>	NIOSH REL
Cyclohexanone	108-94-1	TWA	20 ppm	ACGIH
		STEL	50 ppm	ACGIH
		TWA	25 ppm 100 mg/m <sup>3</sup>	NIOSH REL
		TWA	50 ppm 200 mg/m <sup>3</sup>	OSHA Z-1
		TWA	25 ppm 100 mg/m <sup>3</sup>	OSHA P0
Distillates (petroleum)	64742-47-8	TWA (Mist)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA	200 mg/m <sup>3</sup> (total hydrocarbon vapor)	ACGIH
		TWA (Mist)	5 mg/m <sup>3</sup>	OSHA P0
		TWA (Mist)	5 mg/m <sup>3</sup>	NIOSH REL
		ST (Mist)	10 mg/m <sup>3</sup>	NIOSH REL

### Hazardous components without workplace control parameters

Components	CAS-No.
Mineral Oil, Petroleum	64742-06-9
Oxidate	Not Assigned

### Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
Cyclohexanone	108-94-1	1,2-Cyclohexanediol	Urine	End of shift at end of work-week	80 mg/l	ACGIH BEI
		Cyclohexanol	Urine	End of shift (As soon as possible after exposure ceases)	8 mg/l	ACGIH BEI

**Engineering measures** : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

# SAFETY DATA SHEET



## CYCLO® BREAKAWAY FAST PENETRATING OIL

Version 1.2      Revision Date: 03/29/2023      SDS Number: 600000002365      Date of last issue: 01/05/2023  
Date of first issue: 09/09/2020

---

### Personal protective equipment

#### Hand protection

Remarks : Wear resistant gloves (consult your safety equipment supplier). The suitability for a specific workplace should be discussed with the producers of the protective gloves. Discard gloves that show tears, pinholes, or signs of wear.

Eye protection : Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Wear as appropriate:  
Impervious clothing  
Flame-resistant clothing  
Safety shoes

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
When using do not smoke.  
When using do not eat or drink.

---

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : aerosol

Colour : amber

Odour : solvent-like

Odour Threshold : not determined

pH : No data available

Melting point/freezing point : No data available

Boiling point/boiling range : not determined

Flash point : -97 °C  
Method: closed cup

Evaporation rate : not determined  
not determined

Flammability (solid, gas) : not determined

Self-ignition : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower : No data available

---

# SAFETY DATA SHEET



## CYCLO® BREAKAWAY FAST PENETRATING OIL

Version 1.2      Revision Date: 03/29/2023      SDS Number: 600000002365      Date of last issue: 01/05/2023  
Date of first issue: 09/09/2020

---

flammability limit

Vapour pressure : not determined

Relative vapour density : not determined  
not determined

Density : 0.82 g/cm3

Solubility(ies)  
Water solubility : not determined

Partition coefficient: n-octanol/water : No data available

Decomposition temperature : No data available

Viscosity  
Viscosity, kinematic : not determined

Molecular weight : No data available

VOC % By Weight : 17.04 %

---

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.  
Vapours may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : Carbon oxides

---

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Inhalation  
Eye contact  
Skin contact  
Ingestion

#### Acute toxicity

Not classified based on available information.

#### **Product:**

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg

---

**CYCLO® BREAKAWAY FAST PENETRATING OIL**

Version 1.2      Revision Date: 03/29/2023      SDS Number: 600000002365      Date of last issue: 01/05/2023  
Date of first issue: 09/09/2020

---

Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 200 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

**Components:****Distillates (petroleum):**

Acute oral toxicity : LD50 (Rat): > 5 g/kg

Acute inhalation toxicity : LC50 (Rat): > 5.53 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Assessment: No adverse effect has been observed in acute inhalation toxicity tests.

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Assessment: No adverse effect has been observed in acute dermal toxicity tests.

**Cyclohexanone:**

Acute oral toxicity : LD50 (Rat, male): 1,620 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 6.2 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Assessment: The component/mixture is moderately toxic after short term inhalation.

Acute dermal toxicity : LD50 (Rabbit): > 794 - < 3,160 mg/kg  
Assessment: The component/mixture is moderately toxic after single contact with skin.

**Distillates (petroleum):**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): > 5.28 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: OECD Test Guideline 403  
Assessment: No adverse effect has been observed in acute inhalation toxicity tests.

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Assessment: No adverse effect has been observed in acute dermal toxicity tests.



**CYCLO® BREAKAWAY FAST PENETRATING OIL**

Version 1.2      Revision Date: 03/29/2023      SDS Number: 600000002365      Date of last issue: 01/05/2023  
Date of first issue: 09/09/2020

---

**Skin corrosion/irritation**

Causes skin irritation.

**Product:**

Remarks: May cause skin irritation and/or dermatitis.

**Components:**

**Distillates (petroleum):**

Result: Irritating to skin.

**Cyclohexanone:**

Assessment: Irritating to skin.

Result: Irritating to skin.

**Distillates (petroleum):**

Result: Possibly irritating to skin

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Product:**

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

**Components:**

**Distillates (petroleum):**

Result: Irritating to eyes.

**Cyclohexanone:**

Result: Irreversible effects on the eye

**Distillates (petroleum):**

Result: Possibly irritating to eyes

**Oxidate:**

Result: Irritating to eyes.

**Respiratory or skin sensitisation**

**Skin sensitisation**

Not classified based on available information.

**Respiratory sensitisation**

Not classified based on available information.

**Components:**

**Distillates (petroleum):**

Species: Guinea pig

# SAFETY DATA SHEET



## CYCLO® BREAKAWAY FAST PENETRATING OIL

Version 1.2      Revision Date: 03/29/2023      SDS Number: 600000002365      Date of last issue: 01/05/2023  
Date of first issue: 09/09/2020

---

Assessment: Does not cause skin sensitisation.  
Method: OECD Test Guideline 406

**Oxidate:**

Result: Not a skin sensitizer.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

May be fatal if swallowed and enters airways.

**Components:**

**Mineral Oil, Petroleum:**

May be fatal if swallowed and enters airways.

**Distillates (petroleum):**

May be fatal if swallowed and enters airways.

**Further information**

**Product:**

Remarks: No data available

---

### SECTION 12. ECOLOGICAL INFORMATION

**Toxicity**

Additional ecological information : No data available

# CYCLO® BREAKAWAY FAST PENETRATING OIL

Version	Revision Date:	SDS Number:	Date of last issue: 01/05/2023
1.2	03/29/2023	600000002365	Date of first issue: 09/09/2020

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

- Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.
- Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

## SECTION 14. TRANSPORT INFORMATION

Dangerous goods descriptions (if indicated below) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

### International Regulations

#### IATA-DGR

- UN/ID No. : UN 1950  
 Proper shipping name : Aerosols, flammable  
 Class : 2.1  
 Packing group : Not assigned by regulation  
 Labels : 2.1  
 Packing instruction (cargo aircraft) : 203  
 Packing instruction (passenger aircraft) : 203

#### IMDG-Code

- UN number : UN 1950  
 Proper shipping name : AEROSOLS  
 Class : 2.1  
 Packing group : Not assigned by regulation  
 Labels : 2.1  
 EmS Code : F-D, S-U  
 Marine pollutant : no

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### National Regulations

#### 49 CFR

- UN/ID/NA number : UN 1950  
 Proper shipping name : Aerosols
- Class : 2.1  
 Packing group : Not assigned by regulation  
 Labels : 2.1  
 ERG Code : 126

# SAFETY DATA SHEET



## CYCLO® BREAKAWAY FAST PENETRATING OIL

Version 1.2      Revision Date: 03/29/2023      SDS Number: 600000002365      Date of last issue: 01/05/2023  
Date of first issue: 09/09/2020

Marine pollutant : no

### SECTION 15. REGULATORY INFORMATION

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Cyclohexanone	108-94-1	100	100 (F003)
Cyclohexanone	108-94-1	5000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : Flammable (gases, aerosols, liquids, or solids)  
Skin corrosion or irritation  
Serious eye damage or eye irritation  
Aspiration hazard

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

# SAFETY DATA SHEET



## CYCLO® BREAKAWAY FAST PENETRATING OIL

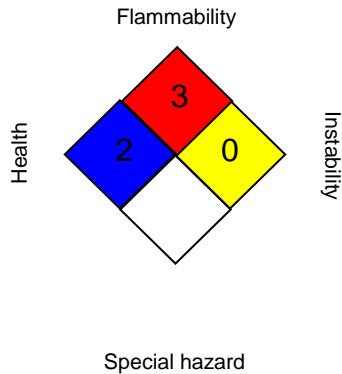
Version 1.2      Revision Date: 03/29/2023      SDS Number: 600000002365      Date of last issue: 01/05/2023  
Date of first issue: 09/09/2020

---

### SECTION 16. OTHER INFORMATION

#### Further information

#### NFPA:



Revision Date : 03/29/2023

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

US / EN