

Safety data sheet

according to 1907/2006/CE, Article 31 Annex II UE 2020/878

Printing date 25.02.2025

Version number 15

Revision: 25.02.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name:

OLEOLUB CODEX**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Application of the substance / the mixture

No further relevant information available.

Lubricant

Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

IPC

10 Quai Malbert

29200 BREST France

Tél : +33(0)2.98.43.45.44

Fax : +33 (0)2.98.44.22.53

1.4 Emergency telephone number:

ipc@groupe-ipc.com

Poison Control Centre : 0845 4647

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS02

Signal word

Danger

Hazard-determining components of labelling:

Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics.

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT:

Not applicable.

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· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· **Description:** Lubricant
Active substance with propellant

· **Dangerous components:**

EC number: 918-167-1 Reg.nr.: 01-2119472146-39	Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics. ☠ Asp. Tox. 1, H304, EUH066	50-100%
CAS: 124-38-9 EINECS: 204-696-9 Reg.nr.: Note 1	carbon dioxide ⚠ Press. Gas (Liq.), H280 substance with a Community workplace exposure limit	2.5-5%

· **Additional information:** Note P
Contains less than 0,1% benzene.
Note 1: Listed in Annex IV / V UK REACH, exempted from registration
For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **General information:** Seek immediate medical advice.
Immediately remove any clothing soiled by the product.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** Do not induce vomiting; call for medical help immediately.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

· 4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs.
Medical supervision for at least 48 hours.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
Foam
Fire-extinguishing powder
Carbon dioxide

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· 5.2 Special hazards arising from the substance or mixture

Heat (or fire) will increase pressure and may lead to the receptacle bursting.
Formation of toxic gases is possible during heating or in case of fire.
Carbon monoxide and carbon dioxide
Hydrocarbons

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· 5.3 Advice for firefighters

· Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

· Additional information

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Not applicable, as aerosol.

· 6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

· 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Send for recovery or disposal in suitable receptacles.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Take note of emission threshold.

· Information about fire - and explosion protection:

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Keep ignition sources away - Do not smoke.

Do not spray onto a naked flame or any incandescent material.

Protect against electrostatic charges.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles:

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

· Information about storage in one common storage facility:

Do not store together with oxidising and acidic materials.

· Further information about storage conditions:

Store in cool, dry conditions.

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

· 7.3 Specific end use(s)

Do not use the product for any other application for which it is intended.

Read the technical data sheet before use

GB

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

124-38-9 carbon dioxide

WEL	Short-term value: 27400 mg/m ³ , 15000 ppm Long-term value: 9150 mg/m ³ , 5000 ppm
-----	---

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing

Wash hands before drinking, eating or smoking.

Wearing of Personal Protective Equipment (PPE) required for all persons with allergies.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

Filter A/P2

Hand protection

Wear protective glove in case of permanent contact



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact breakthrough time of the glove material has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection



Safety glasses

Body protection:

Use protective suit.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical and chemical properties of the gas-free active product.

Physical state

Fluid

Colour:

Colourless

Odour:

Petroleum-like

Odour threshold:

Not determined.

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· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	180 °C
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	0.6 Vol %
· Upper:	6 Vol %
· Flash point:	Not applicable, as aerosol.
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity at 40 °C	3.92 mm ² /s (NF EN ISO 3104)
· Dynamic:	Not determined.
· Solubility	
· water:	Insoluble.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density at 25 °C:	0.795 g/cm ³ (NF EN ISO 12185)
· Relative density	Not determined.
· Vapour density	Not determined.

· 9.2 Other information	
· Appearance:	
· Form:	Aerosol
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	>230 °C
· Explosive properties:	Not determined.
· Solvent content:	
· VOC (EC)	58.2 %
· Change in condition	
· Evaporation rate	Not applicable.

· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Combustion heat : 45 kJ/g Extremely flammable aerosol. Pressurised container: May burst if heated.
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void

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· **Desensitised explosives**

Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** None when normally used.
- **10.4 Conditions to avoid** Temperature > 50°C.
Heat, flames and sparks.
Avoid the accumulation of electrostatic charges.
- **10.5 Incompatible materials:** Materials to avoid: strong acids. oxidizing
- **10.6 Hazardous decomposition products:** No decomposition if used and stored according to specifications.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
 - **Acute toxicity** Based on available data, the classification criteria are not met.
 - **LD/LC50 values relevant for classification:**
- | Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics. | | |
|--|----------|----------------------------------|
| Oral | LD50. | >5,000 mg/kg (Rat) (OCDE 401) |
| Dermal | LD50. | >5,000 mg/kg (rabbit) (OCDE 402) |
| Inhalative | LC50/8h. | >5,000 mg/kg (Rat) (OCDE 403) |
- **Skin corrosion/irritation** Repeated exposure may cause skin dryness or cracking.
 - **Aspiration hazard** May be fatal if swallowed and enters airways.
 - **11.2 Information on other hazards**
 - **Endocrine disrupting properties**
 - None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
 - **Aquatic toxicity:**
- | Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics. | |
|--|--|
| NOEC | 0.011 mg/l (Daphnia) (OECD 211) |
| NOELR | 1,000 mg/l (Pseudokirchneriella subcapitata) (OECD 201) |
| | 0.103 mg/l (Oncorhynchus mykiss) |
| EL 50 (48h) | >1,000 mg/l (Daphnia) (OECD 202) |
| LL50 (96h) | >1,000 mg/l (Oncorhynchus mykiss) (OECD 203) |
| ErL50 (72h) | >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD 201) |
| EbL50 (72h) | >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD 201) |
- **12.2 Persistence and degradability** No further relevant information available.
 - **12.3 Bioaccumulative potential** No further relevant information available.

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- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Send to an approved waste facility.
Do not allow product to reach sewage system or any water course.
- **Uncleaned packaging:**
- **Recommendation:** Send to an approved waste facility.
Disposal must be made according to official regulations.
Do not pierce or burn, even after use.

SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR, IMDG, IATA** UN1950
- **14.2 UN proper shipping name**
- **ADR** UN1950 AEROSOLS
- **IMDG** AEROSOLS
- **IATA** AEROSOLS, flammable
- **14.3 Transport hazard class(es)**
- **ADR**
- 
- **Class** 2 5F Gases.
- **Label** 2.1
- **IMDG, IATA**
- 
- **Class** 2.1 Gases.
- **Label** 2.1
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void

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<ul style="list-style-type: none"> · 14.5 Environmental hazards: 	
<ul style="list-style-type: none"> · Marine pollutant: 	No
<ul style="list-style-type: none"> · 14.6 Special precautions for user 	
<ul style="list-style-type: none"> · Hazard identification number (Kemler code): 	Warning: Gases.
<ul style="list-style-type: none"> · EMS Number: 	-
<ul style="list-style-type: none"> · Stowage Code 	F-D,S-U
<ul style="list-style-type: none"> · Segregation Code 	SW1 Protected from sources of heat.
	SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.
<ul style="list-style-type: none"> · 14.7 Maritime transport in bulk according to IMO instruments 	
Not applicable.	
<ul style="list-style-type: none"> · Transport/Additional information: 	
<ul style="list-style-type: none"> · ADR 	
<ul style="list-style-type: none"> · Limited quantities (LQ) 	1L
<ul style="list-style-type: none"> · Excepted quantities (EQ) 	Code: E0
Not permitted as Excepted Quantity	
<ul style="list-style-type: none"> · Transport category 	2
<ul style="list-style-type: none"> · Tunnel restriction code 	D
<ul style="list-style-type: none"> · IMDG 	
<ul style="list-style-type: none"> · Limited quantities (LQ) 	1L
<ul style="list-style-type: none"> · Excepted quantities (EQ) 	Code: E0
Not permitted as Excepted Quantity	
<ul style="list-style-type: none"> · UN "Model Regulation": 	UN1950, AEROSOLS, 2.1

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5.000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50.000 t
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

NSF REGISTERED : registration n°126568 - Category code H1.

Shelf-life : 24 months from the date it was manufactured.

· **Relevant phrases**

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Aerosol 1: Aerosols – Category 1

Press. Gas (Liq.): Gases under pressure – Liquefied gas

Asp. Tox. 1: Aspiration hazard – Category 1

· *** Data compared to the previous version altered.**