

MATERIAL SAFETY DATA SHEET
acc. to ISO/DIS 11014 for USA

Printing date 07/03/2015

Reviewed on 07/03/2015

1 Identification

- **Product identifier**
- **Trade name: CEPLATTYN 300 SPRAY**
- **Relevant identified uses of the substance or mixture and uses advised against**
No uses advised against identified.
- **Application of the substance / the preparation:**
Lubricant
Aerosol
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Fuchs LubricantsCo.
17050 Lathrop Avenue
Harvey, Illinois 60426
USA
- **Information department:** EHS Department
- **Emergency telephone number:**
Normal Business Hours: 708-333-8900
24 hours (North America): 800-255-3924
24 hours (International): 813-248-0585

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

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

- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS02

- **Signal word** Danger
- **Hazard statements**
Extremely flammable aerosol. Pressurized container: May burst if heated.
- **Precautionary statements**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Pressurized container: Do not pierce or burn, even after use.
Do not spray on an open flame or other ignition source.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**
Health = 0
Fire = 4
Reactivity = 3
- **HMIS-ratings (scale 0 - 4)**
Health = 0
Fire = 4
Reactivity = 3
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of components with propellant in aerosol can.

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• **Dangerous components / Hazard communications / Concentration range %**

| | |
|--|---------|
| 106-97-8 Butane | 25-50% |
| 64742-48-9 Hydrocarbon solvent, dearomatized | 10-15% |
| 75-28-5 Isobutane | 5 -10% |
| 74-98-6 Propane | 5 -10% |
| 90622-56-3 Octan und Isomere | 0.1-<1% |

• **Additional information:**

For further information on the hazard ingredients and established PELs and TLVs refer to section 15.

4 First-aid measures

• **Description of first aid measures**

• **General information:**

Change clothes and shoes contaminated or soaked by the product.
Never put rags contaminated by the product into cloth-pockets.

• **After inhalation:** Seek medical treatment in case of complaints.

• **After skin contact:** Generally the product does not irritate the skin.

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

• **After swallowing:** Seek medical treatment.

• **Information for doctor:**

• **Most important symptoms and effects, both acute and delayed**

Dizziness

Frost bites

• **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures

• **Extinguishing media**

• **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.

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

• **Special hazards arising from the substance or mixture**

Danger of explosion with aerosol cans.

• **Advice for firefighters**

• **Protective equipment:**

In case of fire fighting: wear self containing breathing apparatus

6 Accidental release measures

• **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources

• **Environmental precautions:**

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

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

• **Methods and material for containment and cleaning up:**

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

• **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.

7 Handling and storage

• **Handling:**

• **Precautions for safe handling**

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Use only in well ventilated areas.

Do not eat, drink or smoke when working with the product.

Take usual precautions when handling mineral oil products or chemical products.

• **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurized 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.

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

- **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 pressurized containers.

Use only receptacles specifically permitted for this substance/product.

Local regulations for the storage and handling of aerosol cans are to be kept.

- **Information about storage in one common storage facility:**

Store away from foodstuffs.

Local regulations for the storage and handling of aerosol cans and flammable liquids have to be kept.

- **Further information about storage conditions:**

Keep receptacle tightly sealed.

Do not gas tight seal receptacle.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Local regulations concerning handling and storage of water polluting products have to be followed.

- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with PELs / TLVs that have to be monitored at the workplace.

There are no established exposure limits.

106-97-8 Butane

REL Long-term value: 1900 mg/m³, 800 ppmTLV Short-term value: 2370 mg/m³, 1000 ppm

75-28-5 Isobutane

TLV Short-term value: 2370 mg/m³, 1000 ppm

74-98-6 Propane

PEL Long-term value: 1800 mg/m³, 1000 ppmREL Long-term value: 1800 mg/m³, 1000 ppm

TLV refer to Appendix F

- **Additional information:**

The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid close or long term contact with the skin.

Use skin protection cream for skin protection.

- **Breathing equipment:** Avoid breathing vapour/ aerosol.

- **Protection of hands:** Protective gloves and protective skin cream

- **Material of gloves**

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 break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Tightly sealed goggles

- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:

Aerosol

Color:

Black

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- **Odor:** Characteristic
- **Change in condition**
- **Boiling point/Boiling range:** Not applicable, as aerosol.
- **Flash point:** <0 °C (EN ISO 2592)
- **Ignition temperature:**
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
- **Explosion limits:**
- **Lower:** 0.6 Vol %
- **Upper:** 8.5 Vol %
- **Vapor pressure at 20 °C:** 2100 hPa
- **Density at 20 °C:** 0.872 g/cm³ (DIN 51 757)
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
- **64742-48-9 Hydrocarbon solvent, dearomatized**
- **Oral LD50 >15000 mg/kg (rat)**
- **Dermal LD50 >3160 mg/kg (rabbit)**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
- **None of the ingredients is listed.**
- **NTP (National Toxicology Program)**
- **None of the ingredients is listed.**
- **OSHA-Ca (Occupational Safety & Health Administration)**
- **None of the ingredients is listed.**

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:**
- **64742-48-9 Hydrocarbon solvent, dearomatized**
- **EC50 > 1000 mg/l (algae)**
- **EC50/48 h > 1000 mg/l (daphnien)**
- **IC50/72 h > 1000 mg/l (algae)**
- **LC50/96 h > 1000 mg/l (fish)**
- **Persistence and degradability** No further relevant information available.

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- **Behavior in environmental systems:**
- **Bioaccumulative potential** No data available
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Behavior in sewage processing plants:** The product swims on the water surface.
- **Additional ecological information:**
- **General notes:**
(German) Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
When storing used products, ensure that the waste categories and mixing instructions are observed.
Delivery of waste products to officially authorized collectors only.
- **Uncleaned packagings:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA** UN1950
- **UN proper shipping name**
- **DOT** Aerosols, flammable
- **ADR** 1950 Aerosols
- **IMDG** AEROSOLS
- **IATA** AEROSOLS, flammable
- **Transport hazard class(es)**
- **DOT**



- **Class** 2.1
- **Label** 2.1

- **ADR**



- **Class** 2 5F Gases
- **Label** 2.1

- **IMDG, IATA**



- **Class** 2.1
- **Label** 2.1
- **Packing group**
- **DOT, ADR, IMDG, IATA** Void

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- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Warning: Gases
- **Danger code (Kemler):** -
- **EMS Number:** F-D, S-U
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:** Mail transport depends on local requirements

- **ADR**
- **Excepted quantities (EQ)** Code: E0
Not permitted as Excepted Quantity
- **Remarks:** Aerosols, limited quantity

- **IMDG**
- **Limited quantities (LQ)** 1L
- **Excepted quantities (EQ)** Code: E0
Not permitted as Excepted Quantity
- **Remarks:** Aerosols, flammable, limited quantity

- **IATA**
- **Remarks:** Aerosols, flammable, limited quantity;
fibreboard boxes required
- **UN "Model Regulation":** UN1950, Aerosols, 2.1

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):**
None of the ingredient is listed.
- **Section 313 (Specific toxic chemical listings):**
None of the ingredients is listed
- **TSCA (Toxic Substances Control Act):**
All ingredients are listed.
- **Proposition 65**
- **Chemicals known to cause cancer:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients is listed.
- **Chemicals known to cause developmental toxicity:**
None of the ingredients is listed.
- **Cancerogenity categories**
- **EPA (Environmental Protection Agency)**
None of the ingredients is listed.
- **TLV (Threshold Limit Value established by ACGIH)**
115-86-6 aromatic phosphoric acid ester derivative: A4
- **MAK (German Maximum Workplace Concentration)**
None of the ingredients is listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
None of the ingredients is listed.
- **National regulations:**
- **Water hazard class:**
(German) Water hazard class 2 (Self-assessment): hazardous for water.
- **Other regulations, limitations and prohibitive regulations**
Local regulations are to be kept.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

- **Department issuing SDS:** EHS Department

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• **Contact:**

Fuchs Lubricants Co.
EHS Department
17050 Lathrop Avenue
Harvey, Illinois 60426
USA

• **Date of preparation / last revision** 07/03/2015 / -• **Abbreviations and acronyms:**

Flam. Aerosol 1: Flammable aerosols, Hazard Category 1