



D-5261NS

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : D-5261NS

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Lubricants and additives
Recommended use : Lubricants, Greases and Release Products

1.3. Supplier

Zip-Chem Products
400 Jarvis Drive
Morgan Hill, CA 95037 - United States
T 408-782-2335 - F 408-782-6304
4info@zipchem.com

1.4. Emergency telephone number

Emergency number : 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

| | | |
|--|--|-----------------------|
| Flammable aerosol Category 2 | H223 Flammable aerosol | On basis of test data |
| Carcinogenicity Category 1B | H350 May cause cancer | Calculation method |
| Hazardous to the aquatic environment - Acute Hazard Category 3 | H402 Harmful to aquatic life | Calculation method |
| Hazardous to the aquatic environment - Chronic Hazard Category 3 | H412 Harmful to aquatic life with long lasting effects | Calculation method |

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H223 - Flammable aerosol
H350 - May cause cancer
H402 - Harmful to aquatic life
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (GHS US) :

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
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 - Pressurized container: Do not pierce or burn, even after use.
P273 - Avoid release to the environment.
P280 - Wear eye protection, face protection, protective gloves.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P405 - Store locked up.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents/container to a hazardous or special waste collection point.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

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SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|---|----------------------|-------|-----------------------|
| BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC | (CAS-No.) 64742-53-6 | 30-50 | Carc. 1B, H350 |
| BASEOIL - UNSPECIFIED - LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL OIL-BASE | (CAS-No.) 72623-86-0 | 9 | Carc. 1B, H350 |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after skin contact : Causes mild skin irritation.
Symptoms/effects after eye contact : redness, itching, tears.
Symptoms/effects after ingestion : May cause irritation to the digestive tract.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

- Fire hazard : Flammable aerosol.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Mechanically recover the product.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-ventilated place. Keep cool.
- Storage area : Store away from heat. Store in a well-ventilated place.
- Special rules on packaging : Keep only in original container. Store in a closed container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| |
|---|
| D-5261NS |
| No additional information available |
| BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC (64742-53-6) |
| No additional information available |
| BASEOIL - UNSPECIFIED - LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL OIL-BASE (72623-86-0) |
| No additional information available |

8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Protective clothing. Safety glasses.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Color : Gold-brown
- Odor : Barely perceptible odour

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| | |
|---|----------------------|
| Odor threshold | : No data available |
| pH | : N/A |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : 163 °C |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : Flammable aerosol. |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

9.2. Other information

VOC content : 312

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable aerosol.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------------|--|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |
| Skin corrosion/irritation | : Not classified Causes skin irritation pH: N/A |
| Serious eye damage/irritation | : Not classified Causes serious eye irritation pH: N/A |
| Respiratory or skin sensitization | : Not classified May cause an allergic skin reaction |

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| | |
|-------------------------------------|--|
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : May cause cancer. |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : No data available |
| Symptoms/effects after skin contact | : Causes mild skin irritation. |
| Symptoms/effects after eye contact | : redness, itching, tears. |
| Symptoms/effects after ingestion | : May cause irritation to the digestive tract. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|--|
| Ecology - general | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
|-------------------|--|

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

| D-5261NS | |
|------------------|----------------------------|
| Mobility in soil | Readily absorbed into soil |

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

| | |
|-------------------------|---|
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
|-------------------------|---|

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

| | |
|--------------------------------|--|
| Transport document description | : UN1950 Aerosols, 2.1 |
| UN-No.(DOT) | : UN1950 |
| Proper Shipping Name (DOT) | : Aerosols |
| Class (DOT) | : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 |
| Hazard labels (DOT) | : 2.1 - Flammable gas |



| | |
|---|--|
| DOT Packaging Non Bulk (49 CFR 173.xxx) | : 304 |
| DOT Packaging Bulk (49 CFR 173.xxx) | : None |
| DOT Special Provisions (49 CFR 172.102) | : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols. |

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| | |
|--|---|
| DOT Packaging Exceptions (49 CFR 173.xxx) | : 306 |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : Forbidden |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) | : 150 kg |
| 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 | : 25 - Protected from sources of heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials |
| Emergency Response Guide (ERG) Number | : 126 |
| Other information | : No supplementary information available. |

Transportation of Dangerous Goods

| | |
|--------------------------------|------------------------------------|
| Transport document description | : UN 1950 , 2.1 |
| UN-No. (TDG) | : UN 1950 |
| TDG Primary Hazard Classes | : 2.1 - Class 2.1 - Flammable Gas. |

Transport by sea

| | |
|---------------------------------------|-------------------------|
| Transport document description (IMDG) | : UN 1950 AEROSOLS, 2.1 |
| UN-No. (IMDG) | : 1950 |
| Proper Shipping Name (IMDG) | : AEROSOLS |
| Class (IMDG) | : 2 - Gases |

Air transport

| | |
|---------------------------------------|------------------------------------|
| Transport document description (IATA) | : UN 1950 Aerosols, flammable, 2.1 |
| UN-No. (IATA) | : 1950 |
| Proper Shipping Name (IATA) | : Aerosols, flammable |
| Class (IATA) | : 2 |

SECTION 15: Regulatory information

15.1. US Federal regulations

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All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

CANADA

BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC (64742-53-6)

Listed on the Canadian DSL (Domestic Substances List)

BASEOIL - UNSPECIFIED - LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL OIL-BASE (72623-86-0)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

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Full text of H-phrases:

| | |
|------|---|
| H223 | Flammable aerosol |
| H350 | May cause cancer |
| H402 | Harmful to aquatic life |
| H412 | Harmful to aquatic life with long lasting effects |

Hazard Rating

Flammability : 4 Severe Hazard - Flammable gases, or very volatile flammable liquids with flash points below 73 F, and boiling points below 100 F. Materials may ignite spontaneously with air. (Class IA)

SDS US (GHS HazCom 2012)

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.