

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapors.
Skin contact	Wash with soap and water.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion	Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

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

Symptoms	None known.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	Use CO ₂ , dry chemicals, or foam.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Not flammable. Fire may produce irritating and/or toxic gasses.

5.3. Advice for firefighters

In the event of fire and/or explosion do not breathe fumes.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Extremely slippery when spilled. Use personal protection recommended in Section 8.
For emergency responders	Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Take up with sand or other non-combustible absorbent material and place into containers for later disposal.
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6.4. Reference to other sections

Other information	See Section 12: ECOLOGICAL INFORMATION.
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Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling	Extremely slippery when spilled.
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General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Avoid prolonged or repeated contact with skin.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Keep containers tightly closed in a cool, well-ventilated place. Keep at a temperature not exceeding 45°C. Keep away from heat, sparks and open flame.
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7.3. Specific end use(s)

Risk management methods	The information required is contained in this Safety Data Sheet.
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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Derived No Effect Level (DNEL)

No information available.

Predicted No Effect Concentration (PNEC) **No information available.**

8.2. Exposure controls

Engineering controls

None under normal processing.

Personal protective equipment



Hand protection

Wear protective nitrile rubber gloves. Thickness ≥ 0.38 mm - breakthrough time >480 minutes. Thickness 0.1 mm - splash protection. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Conform EN 374-2 and EN 347-3.

Eye/face Protection

Avoid contact with eyes.

Body protection

Suitable protective clothing.

Respiratory protection

None under normal processing. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls

Prevent product from entering drains.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Semi-solid
Appearance	Smooth
Color	amber
Odor threshold	No information available
Explosive properties	No information available
Oxidizing properties	No information available
Partition coefficient (n-octanol/water)	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		No information available
Melting point/freezing point		No information available
Boiling point/boiling range		Not applicable
Flash point	> 150 °C / > 302 °F	Based on base oils
Evaporation rate		Not applicable
Flammability (solid, gas)		No information available
Flammability limits in air		No information available
Vapor pressure		Not applicable
Vapor Density		Not applicable
Specific gravity		No information available
Solubility(ies) (n-octanol/water)		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Kinematic viscosity		No information available
Dynamic viscosity		No information available

9.2. Other information

Density	7.5 lbs per gallon
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Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

None under normal processing.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity	Not hazardous based on component data.
Skin corrosion/irritation	Not hazardous based on component data.
Serious eye damage/eye irritation	Not hazardous based on component data.
Sensitization	Not hazardous based on component data.
Germ cell mutagenicity	Not hazardous based on component data.
Carcinogenicity	Not hazardous based on component data.
Reproductive toxicity	Not hazardous based on component data.
STOT-single exposure	Not hazardous based on component data.
STOT-repeated exposure	Not hazardous based on component data.
Aspiration hazard	Not hazardous based on component data.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	6417 mg/kg
Dermal LD50	2999 mg/kg

11.2. Information on other hazards

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation	Inhalation of oil mist may cause irritation, headaches, nausea and breathing difficulties.
Eye contact	Not expected to cause eye irritation.
Skin contact	Prolonged contact may cause redness and irritation.
Ingestion	Malaise (vague feeling of discomfort).

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity	Not regarded as dangerous for the environment. Occasional major emissions or frequently recurring minor emissions may have a harmful or disturbing effect.
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12.2. Persistence and degradability

Not readily biodegradable.

12.3. Bioaccumulative potential

Material does not bioaccumulate.

12.4. Mobility in soil

Mobility in soil	After release, adsorbs onto soil.
Mobility	Insoluble in water.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Endocrine disrupting properties

No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products and Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated packaging Dispose of in accordance with federal, state and local regulations

Waste codes / waste designations according to LoW / AVV 13 08 99*

Section 14: TRANSPORT INFORMATION

Not regulated according to ADR/RID, IMDG, IATA.

14.1. UN number

Not regulated

14.2. UN proper shipping name

Not regulated

14.3. Transport hazard class(es)

Not regulated

14.4. Packing group

Not regulated

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

None

14.7. Maritime transport in bulk according to IMO instruments

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

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Water hazard class (WGK) Slightly hazardous to water (WGK 1)

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

International Inventories

TSCA	Complies
EINECS/ELINCS	-
DSL/NDSL	-
PICCS	-
ENCS	-
IECSC	-
AICS	-
KECL	-
NZIoC	-

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Full text of H-Statements referred to under section 3

Key or legend to abbreviations and acronyms used in the safety data sheet

ADR	Accord européen relatif au transport international de marchandises Dangereuses par Route
CAS	Chemical Abstracts Service
CLP	Classification, Labeling and Packaging Regulation [Regulation (EC) No.1272/2008]
EC	European Commission
EEC	European Economic Community
EUH	statement = CLP-specific Hazard statement
GHS	Globally Harmonised System of Classification and Labeling of Chemicals
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LD50	Median Lethal Dose for 50% of subjects
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Règlement concernant le transport international ferroviaire des marchandises dangereuses
WGK	Wassergefährdungsklasse

End of SDS