

Issuing Date 2014-04-29

Revision Date 2014-04-30

Revision Number 1

1. Identification of the substance/preparation and of the Company/undertaking

Product Identifier

Product Type KMT - Supplies
Product name **OSTER BESTOIL, DARK OR LANCUT THREAD CUTTING OIL**
Product code KTV0001

Other means of identification

Synonyms No information available

Recommended use of the chemical and restrictions on use

Recommended Use For use in industrial installations only.

Details of the Supplier of the Safety Data Sheet

Emergency Telephone Number

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Emergency Telephone Number CHEMTREC: +1-703-527-3887 (INTERNATIONAL)
 1-800-424-9300 (NORTH AMERICA)

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label Elements

Emergency Overview

Hazard Statements

- Causes mild skin irritation
- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

Appearance Dark clear

Physical State liquid

Odor Petroleum solvent

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention

Skin

IF ON SKIN: Wash with plenty of soap and water

Inhalation

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

Hazards not otherwise classified (HNOC)

OTHER INFORMATION

3. Composition/Information on Ingredients

Chemical name	Formula	CAS-No	weight-%	GHS Classification
Paraffin Oils, Sulfurized		68201-54-7	> 50	
1-Decene, Sulfurized		72162-15-3	5 - 10	
Chlorinated Paraffins		63449-39-8	5 - 10	
Sulfurized Lard Oil		61790-49-6	2.5 - 3	

NOTE

The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen. This note applies only to certain complex oil derived substances in Annex I.

4. First aid measures

FIRST AID MEASURES

General advice

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing.

Skin contact

Wash skin with soap and water.

Inhalation

Not expected. Move to fresh air in case of accidental inhalation of vapors or decomposition products. If not breathing, give artificial respiration.

Ingestion

Do NOT induce vomiting unless directed to do so by a physician. Consult a physician.

Self-protection of the first aider

Self-protection of the first aider. Wear suitable gloves.

Most important symptoms and effects, both acute and delayed

Most important symptoms and effects, both acute and delayed

Hives.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media Use CO₂, dry chemical or foam. Water can be used to cool and protect exposed material.

Specific hazards arising from the chemical

Protective equipment and precautions for firefighters Use personal protective equipment as required

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Environmental precautions Avoid release to the environment.

Methods and material for containment and cleaning up Prevent further leakage or spillage if safe to do so. Collect in closed and suitable containers for disposal.

7. Handling and Storage

Precautions for safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible products

Specific use(s) For use in industrial installations only. Restricted to professional users.

8. Exposure Controls/Personal Protection

Control parameters

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye Protection Wear safety glasses with side shields (or goggles). Eye-irrigation bottle with pure water.

Skin Protection Long sleeved clothing.

Hand Protection Protective gloves.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

Biological standards

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	liquid	Appearance	Dark clear
Odor	Petroleum solvent	pH	
Melting point/freezing point		Boiling temperature / boiling range	No information available
Flash Point	188 °C	Evaporation Rate	
Flammability (solid, gas)		Flammability Limits in Air	
Upper flammability limits		Lower Flammability Limit	
Vapor Pressure		Vapor Density	
Specific gravity	0.91 g/cm ³	Water solubility	
Solubility in other solvents		Partition coefficient	
Autoignition temperature		Decomposition Temperature	
Kinematic viscosity		Dynamic viscosity	248 SUS 38°C

OTHER INFORMATION

10. Stability and Reactivity

Reactivity Stable under normal conditions

No data available

Chemical stability

Possibility of Hazardous Reactions None under normal processing.

Conditions to avoid

Heat, flames and sparks. Keep away from open flames, hot surfaces and sources of ignition.

incompatible materials

Oxidizing agents. Peroxides. Aluminium. copper.

Hazardous decomposition products Carbon oxides. Hydrogen chloride. Sulfur oxides.

11. Toxicological Information

Information on likely routes of exposure

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Chlorinated Parrafin - 63449-39-8	> 23 400 mg/kg bw		Inhalation LC50 (4 hrs)

Information on toxicological effects

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Contains no ingredient listed as a carcinogen.

Numerical measures of toxicity - Product Information

mg/kg mg/l

12. Ecological Information

12.1. Ecotoxicity

Chemical name	Algae toxicity	Acute Fish toxicity	Toxicity to Microorganisms	Daphnia magna
Chlorinated Paraffins 63449-39-8	NOEC 0.1 mg/L 96h	> 770 mg/L 96h		5.1 mg/L 48h

12.2 Persistence and degradability No information available.

Bioaccumulation/Accumulation This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

13. Disposal Considerations

Waste treatment methods It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

14. Transport Information

DOT	Not regulated
TDG	Not regulated
MEX	Not regulated
ICAO / IATA-DGR	Not regulated
IMO / IMDG	Not regulated

15. Regulatory Information

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	no
Chronic Health Hazard	no
Fire Hazard	no
Sudden release of pressure hazard	no

Reactive Hazard

no

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label information

CANADA

16. Other Information

<u>NFPA</u>	Health hazard 2	Flammability 1	Instability 0	Physical and Chemical Hazards -
<u>HMIS</u>	Health hazard 2	Flammability 1	Physical hazards 0	Personal precautions X
Issuing Date	2014-04-29			
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Revision Note	No information available			

Disclaimer

Kennametal urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific SDSs, we are not and cannot be responsible for SDS's obtained from any source other than ourselves. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.

End of Safety Data Sheet