

SAFETY DATA SHEET

HSM Special lubricating oil for cutting head for document shredders

Date de compilation: 16.01.2021
Révision: 20.12.2022
N° révision: E
Document number: 100000192677

SECTION 1 : Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: HSM Special lubricating oil for cutting head
Article number: 1235997403
1235997104

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

No further relevant information available.

Application of the substance / the mixture

Cutting oil

1.3 Details of the supplier of the safety data sheet

Firmenname: HSM GmbH + Co.KG
Postadresse: Austraße 1-9
Postleitzahl / Ort: D-88699 Frickingen
Land: Germany
Telefon: +49 7554 2100-0
Fax: +49 7554 2100-160
E-Mail: info@hsm.eu
Website: www.hsm.eu

1.4 Emergency telephone number:

Helpline: +49(0)74 31 - 70 18 18 - 0 during the ordinary opening hours (Mo-Fr, 9.00 am - 4.00 pm)

UK (England, Scotland, Wales): Poison Information Centre, Tel. 111

UK (Northern Ireland): contact your local GP

Ireland: NPI Centre 353 (1) 809 2166 (8 am - 10 pm, 7 d/week). Healthcare Profs: 353 (1) 809 2566 (24/7)

SECTION 2 : Hazards identification

2.1 Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the GB CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008: Void
Hazard pictograms: Void
Signal word: Void
Hazard statements: Void

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: This substance is neither persistent, bioaccumulative nor toxic (PBT).

vPvB: Not applicable.

SECTION 3 :Composition/information on ingredients

3.1 Chemical characterisation: Preparation

Description:

Mixture of mineral oil and harmless additives.

Not classified as a dangerous preparation according to Directive 1272/2008/EC (GHS).

Dangerous components:

CAS: 72623-87-1 Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based 50—<100%
EINECS: 276-738-4

Additional information:

The mineral oils in this product contain < 3% DMSO extract (IP346).

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:

Take affected persons out into the fresh air.

Do not leave affected persons unattended.

Personal protection for the First Aider.

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Generally the product does not irritate the skin.

Wash contaminated skin with water and soap and rinse thoroughly. Remove contaminated clothing. Get medical attention if symptoms occur.

After eye contact:

Rinse opened eye for several minutes under running water. Remove contact lenses, continue rinsing. If symptoms persist, consult a doctor.

After swallowing:

Do not induce vomiting; call for medical help immediately.

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

Treat symptomatically.

SECTION 5 :Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents:

Water with full jet.

5.2 Special hazards arising from the substance or mixture

Formation of toxic/irritant gases is possible during heating or in case of fire.

Products of decomposition see chapter 10.

5.3 Advice for firefighters

suitable fire suppressants: carbon dioxide (CO₂), foam, water, dry chemical

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6 :Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep away unprotected persons.

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

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

Avoid contact with skin and eyes.

Do not inhale vapours and aerosols.

Close leakage without taking personal risks.

6.2 Environmental precautions:

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

In case of seepage into the ground inform responsible authorities.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

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

Prevent longer or repeated contact with skin.

Prevent contact with eyes.

Keep receptacles tightly sealed.

Prevent formation of aerosols.

Keep away from sources of ignition - No smoking.

Particular danger of slipping on leaked/spilled product.

Keep away from food, drink and animal feeding stuffs.

Wash hands before brakes and at end of work

Do not eat, drink or smoke while working.

Information about fire - and explosion protection:

Keep away ignition sources - Do not smoke.

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

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Provide solvent resistant, sealed floor.

Prevent any seepage into the ground.

Information about storage in one common storage facility:

Store away from oxidising agents.

Store away from food, beverage and feedingstuff.

Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Storage class:

10 - flammable liquid, flashpoint >60°C

7.3 Specific end use(s)

No further relevant information available.

SECTION 8 :Exposure controls/personal protection**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

TWA: 5 mg/m³ (oil mist)

Additional information:

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

8.2 Exposure controls**Appropriate engineering controls:**

No further data; see item 7.

General protective and hygienic measures:

Do not eat or drink while working.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

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.

Avoid contact with the eyes.

Respiratory protection:

Not necessary if room is well-ventilated.

Use suitable respiratory protective device only when aerosol or mist is formed.

Filter A/P2

Hand protection

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

Material of gloves

Use solvent/hydrocarbon resistant gloves. Suitable are gloves from: nitrile rubber (thickness >0,38 mm, breakthrough time > 480 min), fluorocarbon rubber (thickness >0,38 mm, breakthrough time > 480 min).

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/face protection

Safety glasses with side protection (EN 166).

Body protection:

Protective work clothing (EN 14605)

SECTION 9 :Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Colour:	Yellowish
Odour:	Odourless
Odour threshold:	Not determined.
Melting point/freezing point:	Not determined.
Boiling point or initial boiling point and boiling range:	> 200 °C
Flammability:	Not applicable.
Flash point:	> 180 °C
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.

Solubility

water:	Not miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Density and/or relative density	
Density at 20 °C:	0.85 g/cm ³

9.2 Other information

Appearance:

Form:	Fluid
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Important information on protection of health and environment, and on safety.

Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.

Change in condition

Softening point/range

Oxidising properties:	Non oxidising.
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Information with regard to physical hazard classes

Explosives:	Void
Flammable gases	Void
Aerosols	Void
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
Desensitised explosives	Void

SECTION 10 :Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

Stable under normal conditions.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

Heat, flames and sparks.

Keep away from strong oxidizing agents.

10.5 Incompatible materials:

strong oxidants

10.6 Hazardous decomposition products:

In case of fire:

CO₂, CO, NO_x, SO_x

Under certain conditions of fire, other toxic/irritant substances may form.

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:		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Other information (about experimental toxicology):

Eye contact: Slight irritation possible, but not relevant to classification.

Inhalation: Inhalation of oil mist can provoke irritations, head ache, nausea and dyspnoea.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12 :Ecological information

12.1 Toxicity

Aquatic toxicity:

LC50 >1,000 mg/l (fish) (96 h)

EC50 >1,000 mg/kg (Daphnia magna) (48 h)

IC50 >1,000 mg/l (algae) (72 h)

12.2 Persistence and degradability

biodegradable

12.3 Bioaccumulative potential

Product is not bioaccumulative.

12.4 Mobility in soil

After release, adsorbs onto soil.

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

Does not get into sewage at intended use.

Other information:

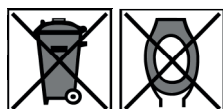
General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13 :Disposal considerations

13.1 Waste treatment methods

Recommendation



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Must be specially treated adhering to official regulations.

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

SECTION 14 :Transport information

14.1 UN number or ID number

ADR, ADN, IMDG, IATA

not regulated

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

not regulated

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA	
Class	not regulated

14.4 Packing group

ADR, IMDG, IATA	not regulated
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14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO

instruments	Not applicable.
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Transport/Additional information:

IMDG	
Limited quantities (LQ)	not any
UN "Model Regulation":	not regulated

SECTION 15 :Regulatory information

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

Labelling according to Regulation (EC) No 1272/2008	Void
Hazard pictograms	Void
Signal word	Void
Hazard statements	Void
Directive 2012/18/EU	
Named dangerous substances - ANNEX I	None of the ingredients is listed.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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.

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)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	very Persistent and very Bioaccumulative