

SAFETY DATA SHEET

HSM Special lubricating oil for cutting head for document shredders

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

1.1 Product identifier

Product name: HSM Special lubricating oil for cutting head
for document shredders
Article number 50ml: 1235997104
Article number 250ml: 1235997403
Article number 5l: 1235997501

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

Use of substance / mixture: PC24: Lubricants, greases, release products.

1.3 1.3. Details of the supplier of the safety data sheet

Companyname HSM GmbH + Co.KG
Street Austraße 1-9
City D-88699 Frickingen
Country Deutschland
Fon +49 7554 2100-0
Fax +49 7554 2100-160
E-Mail info@hsm.eu
Website www.hsm.eu

1.4 Emergency telephone number

Emergency tel: Beratungsstelle für Vergiftungserscheinungen,
Berlin: Tel.: +49 30 / 19240

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2 Label elements

Label elements: This product has no label elements.

2.3 2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1 Substances

Chemical identity: VP 919

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.
Inhalation: Move to fresh air in case of accidental inhalation of vapours.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: No data available.
Inhalation: No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1 Extinguishing media

Extinguishing media: Dry chemical powder. Alcohol resistant foam.
Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3 Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.
Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up

Clean-up procedures: Mix with sand or vermiculite. Transfer to a suitable container. Refer to section 13 of SDS for suitable method of disposal. Wash the ground with an appropriate self-emulsifying solvent.

6.4 Reference to other sections

Section 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements: Avoid the formation or spread of mists in the air. Smoking is forbidden.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: 15 - 25° C Keep away from sources of ignition.

Suitable packaging: Must only be kept in original packaging.

7.3 Specific end use(s)

Section 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	5 mg/m ³ inhalativ	-	-	-

8.2 DNEL/PNEC Values

DNEL / PNEC No data available.

8.3 Exposure controls

Engineering measures: Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Under normal conditions in well ventilated areas Respiratory protection not required.

Hand protection: Nitrile gloves. 0,7 mm Breakthrough time of the glove material < 1 hour.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Environmental: Refer to specific Member State legislation for requirements under Community environmental legislation.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State:	Oil
Colour:	Colourless
Odour:	Barely perceptible odour
Solubility in water:	Not miscible
Viscosity:	Oily
Kinematic viscosity:	90 mm ² /s
Viscosity test method:	ASTM D 7042/40°C
Boiling point/range°C:	No data available.
Melting point/range°C:	No data available.
Flammability limits %: lower:	0,9
	upper: 7,0
Flash point°C:	> 250
Part.coeff. n-octanol/water:	> 3,5
Autoflammability°C:	No data available.
Vapour pressure:	< 0,013 hPa/20°C
Relative density:	0,87/15°C
pH:	not applicable
VOC g/l:	0

9.2 Other information

Other information:	No data available
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Section 10: Stability and reactivity

10.1 Reactivity

Reactivity:	Stable under recommended transport or storage conditions.
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10.2 Chemical stability

Chemical stability:	Stable under normal conditions.
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10.3 Possibility of hazardous reactions

Hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions.
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10.4 Conditions to avoid

Conditions to avoid:	Flames. Sources of ignition. Hot surfaces.
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10.5 Incompatible materials

Materials to avoid:	Strong oxidising agents.
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10.6 Hazardous decomposition products

Haz. decomp. products:	In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
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Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RBT	LD50	> 2000	mg/kg
GASES	RAT	4H LC50	> 2500	mg/ m ³
ORAL	RAT	LD50	> 5000	mg/kg

11.2 Symptoms / routes of exposure

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	No data available.
Inhalation:	No data available.

Section 12: Ecological informationToxizität

12.1 Toxicity:

Ecotoxicity values:

Species	Test	Value	Units
Daphnia magna	48H EC50	> 100	mg/l
FISCH	96H LC50	> 100	mg/l

12.2 Persistence and degradability

Persistence and degradability: No data available.

12.3 Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4 Mobility in soil

Mobility: Insoluble in water. Floats on water.

12.5 Results of PBT and vPvB assessment

Persistence (P-):	Persistence result: not P
Bioaccumulation (B-):	Bioaccumulation result: not B
Toxicity (T-) mg/l:	
NOEC for marine or freshwater organisms:	> 100
Toxicity result:	not T
PBT identification:	This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations:	Transfer to a suitable container and arrange for collection by specialised disposal company.
Recovery operations:	Oil re-refining or other reuses of oil.
Disposal of packaging:	Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class:	This product does not require a classification for transport.
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Section 15: Regulatory information

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

15.2 Chemical Safety Assessment

Chemical safety assessment:	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
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Section 16: Other information

16.1 Other information

Other information:	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. * indicates text in the SDS which has changed since the last revision.
Legal disclaimer:	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.