



1 Identification of the substance / preparation and of the company

AutoMet Lapping oil

Article number: 60-3250-006, 60-3250-128

Use:	Lubricant/polishing oil
Identified use:	none
Method of operation:	See product information.
Company:	Buehler GmbH In der Steele 2 D-40599 Düsseldorf / GERMANY Phone: 0800 707 6273 Fax: 0800 707 6274 Homepage: www.buehler-met.de/en/ E-mail: sales@buehler.co.uk
Emergency phone:	0800 707 6273 (Only valid if dialled within the UK) +49 (0) 211 974100
Responsible:	Schroeder@chemiebuero.de

2 Hazards identification

Physico-chemical hazards:	Combustible.
Human health dangers:	If swallowed or in the event of vomiting, risk of product entering the lungs. Frequent persistent contact with the skin can cause skin irritation.
Other hazards:	none
Hazard symbols:	none
R-phrases:	none

3 Composition / Information on ingredients

Range [%]	Substance
30 - 60	Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract) CAS: 64742-54-7, EINECS/ELINCS: 265-157-1 EU-INDEX: ECB-Nr.: GHS/CLP: - EEC:
30 - 60	Distillates (petroleum), solvent-refined heavy paraffinic CAS: 64741-88-4, EINECS/ELINCS: 265-090-8 EU-INDEX: 649-454-00-7 ECB-Nr.: GHS/CLP: - EEC:

Comment on component parts: Substances of Very High Concern - SVHC: substances are not contained or below 0,1%.

4 First aid measures

General information:	Change soaked clothing.
Inhalation:	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
Skin contact:	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
Eye contact:	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion:	Consult a doctor immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.
Advice to doctor:	If swallowed or in the event of vomiting, risk of product entering the lungs.



5 Fire-fighting measures

Suitable extinguishing media:	Carbon dioxide. Water spray jet. Dry powder. Foam.
Extinguishing media that must not be used:	Full water jet.
Special exposure hazards arising from the substance or preparation itself or combustion products:	Unknown risk of formation of toxic pyrolysis products.
Special protective equipment for firefighters:	Use self-contained breathing apparatus.
Additional information:	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6 Accidental release measures

Personal precautions:	High risk of slipping due to leakage/spillage of product. Keep away from all sources of ignition.
Environmental precautions:	Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater.
Methods for cleaning up:	Take up with absorbent material (e.g. sand). Dispose of absorbed material in accordance with the regulations.

7 Handling and storage

Advice on safe handling:	Use only in well-ventilated areas.
Advice on protection against fire and explosion:	The product is combustible.
Requirements for storage rooms and vessels:	Keep only in original container.
Advice on storage compatibility:	Do not store together with oxidizing agents.
Further information on storage conditions:	Keep container tightly closed.

8 Exposure controls / personal protection

Additional advice on system design:	Ensure adequate ventilation on workstation.
Ingredients with occupational exposure limits to be monitored: (GB)	not applicable
Respiratory protection:	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, combination filter A-P2.
Hand protection:	Butyl rubber, >120 min (EN 374). The details concerned are recommendations. Please contact the glove supplier for further information.
Eye protection:	Safety glasses.
Skin protection:	not applicable
General protective measures:	Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.
Hygiene measures:	Wash hands before breaks and after work. Use barrier skin cream.
Delimitation and monitoring of the environmental exposition:	not determined



9 Physical and chemical properties

Form:	liquid
Color:	amber colour
	green
Odor:	characteristic
pH-value:	not applicable
pH-value [1%]:	not applicable
Boiling point [°C]:	not determined
Flash point [°C]:	~138
Flammability [°C]:	not determined
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Oxidizing properties:	no
Vapour pressure [kPa]:	not determined
Density [g/ml]:	0,876 (20°C / 68,0°F)
Bulk density [kg/m³]:	not applicable
Solubility in water:	virtually insoluble
Partition coefficient [n-octanol/water]:	not determined
Viscosity:	10 mm²/s 40°C
Relative vapour density determined in air:	not determined
Evaporation speed:	not determined
Melting point [°C]:	not determined
Autoignition temperature [°C]:	not determined
Decomposition temperature:	not determined

10 Stability and reactivity

Hazardous reactions:	Reactions with oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products known.

11 Toxicological information

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	not determined
Reproduction toxicity:	not determined
Carcinogenicity:	not determined
Experiences made in practice:	none
General remarks:	Toxicological data are not available. No classification on the basis of the calculation procedure of the preparation directive.

12 Ecological information

Fish toxicity:	not determined
Daphnia toxicity:	not determined
Behaviour in environment compartments:	not determined
Behaviour in sewage plant:	not determined
Bacteria toxicity:	not determined
Biological degradability:	not determined
COD:	not determined
BOD 5:	not determined
AOX-advice:	not applicable
2006/11/EC:	yes
General information:	No classification on the basis of the calculation procedure of the preparation directive.

13 Disposal considerations

Product:	Coordinate disposal with the authorities if necessary. Disposal in an incineration plant in accordance with the regulations of the local authorities.
Contaminated packaging:	Untcontaminated packaging may be taken for recycling.
Waste no. (recommended):	130205* mineral-based non-chlorinated engine, gear and lubricating oils

14 Transport information

Classification according to ADR:	NO DANGEROUS GOODS
Classification according to IMDG:	NOT CLASSIFIED AS "DANGEROUS GOODS"
Classification according to IATA:	NOT CLASSIFIED AS "DANGEROUS GOODS"

15 Regulatory information

Exposure scenario:	not determined
Chemical safety report:	not determined
Labelling:	The product does not require a hazard warning label in accordance with EC-directives.
Hazard symbols:	none
R-phrases:	none
S-phrases:	none
Special labelling:	none
EEC-REGULATIONS:	1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EWG (2008/47/EG)
TRANSPORT-REGULATIONS:	DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010).
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4
Authorisation, TITEL VII:	not applicable
Restrictions, TITEL VIII:	not applicable

16 Other informations

Observe employment restrictions for people:	no
VOC (1999/13/CE):	not determined
648/2004/CE	not applicable

Disclaimer: 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.

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