

# SAFETY DATA SHEET



## Molykote 1000 Paste

Internal code: 84

Revision date: 30-06-2006

### 1. IDENTIFICATION OF THE PRODUCT AND COMPANY

**Chemical name** Molykote 1000 Paste  
**Revision date** 30-06-2006  
**Company** G A Lindberg ChemTech AB  
Box 6044  
164 06 Kista  
Telefon: +46 8 703 02 00 Fax: +46 8 703 02 48  
**Country** Sweden  
**Internet** www.galindberg.se  
**Responsible** Peter Sylwander  
**E-mail** peter.sylwander@galindberg.se  
**Internal code** 84  
**Article-no** MP1000  
**Application** Lubricant.

### 2. HAZARD IDENTIFICATION

**Risk description** Not hazardous according to Council Directive 1999/45/EC and its subsequent amendments.

### 3. COMPOSITION

Ingredients	EC-nr.	CAS-nr.	Weight-%	Class.	R-phrases
destillat (petroleum) , lösningsmedelsavvaxade lätta paraffiniska	265-159-2	64742-56-9	<=42		*
Distillates (petroleum), solvent-dewaxed heavy paraffinic	265-169-7	64742-65-0	<=42		
copper	231-50-8	7440-50-8	8		
Polybutene	500-004-7	9003-29-6	6		

**Explanation** R-phrases with full text is found in section 16. Tx=Very Toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritating, IK=No classification required, E=Explosive, O=Oxidizing, Fx=Extremely flammable, F=Highly flammable, N=Dangerous for the environment.

**Ingredients comments** \* Contains < 3 % DMSO.

### 4. FIRST AID MEASURES

**Inhalation** Supply fresh air.  
**Skin contact** Dry with paper towel or similar and wash with soap and water.

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**Eye contact** Rinse with water.  
**Ingestion** No first aid should be needed.

### 5. PROTECTION AGAINST FIRE AND EXPLOSION

**Extinguishing media** Water spray, foam, CO2 or powder. Water can be used to cool fire exposed containers.  
**Fire/explosion risks** Toxic vapours are evolved. In the event of fire carbon dioxide, silica, formaldehyde and traces of incompletely burned carbon compounds develop. Traces of fluorinated compounds.  
**Special fire- fighting procedures** A self-contained respirator and protective clothing should be worn.  
**Additional information** Determine the need to evacuate or isolate the area according to your local emergency plan.

### 6. PROCEDURE IN CASE OF ACCIDENTAL RELEASE

**Personal precautions** Wear proper protective equipment recommended in section 8.  
**Environmental precautions** Do not allow large quantities to enter drains or surface waters.  
**Methods for cleaning up** Scrape up and collect in a container fitted with a lid.  
**Additional information** The spilled product produces a slippery surface.

### 7. HANDLING AND STORAGE

**Handling** Avoid skin and eye contact. General ventilation is required. Local ventilation is recommended.  
**Storage** Do not store with oxidizing agents. Keep container tightly closed. Keep dry.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients	EC-nr.	CAS-nr.	8 hour		Short		Type	Note	Year
			mg/m3	ppm	mg/m3	ppm			
destillat (petroleum) , lösningsmedelsavvaxade lätta paraffiniska	265-159-2	64742-56-9	1				NGV	1, 7	
Distillates (petroleum), solvent-dewaxed heavy paraffinic	265-169-7	64742-65-0	10				NGV		
copper	231-50-8	7440-50-8	0.2						
Polybutene	500-004-7	9003-29-6	10				NGV		

**OAD remarks** 1: Form: mist. 7: Recommended by supplier.

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<b>Respiration protection</b>	Suitable respiratory protection should be worn if the product is used in large quantities, confined spaces or in other circumstances where the occupational exposure limit values may be approached or exceeded. A half mask with filter B is recommended. The choice of a filter type depends on the amount and type of chemical being handled in the workplace. Regarding filter characteristics, contact your respiratory protection supplier.
<b>Eye protection</b>	Safety goggles must be worn.
<b>Hand protection</b>	Chemical protective gloves should be used in case of longterm/repeated exposure. Viton, 4H(PE/ EVAL/ PE). Silver Shield. Nitrile rubber. Regarding glove's breakthrough time, contact your chemical protective glove supplier.
<b>Skin protection</b>	Protective equipment is not normally necessary.
<b>Additional information</b>	Exercise good industrial hygiene practice. Wash hands during breaks and at the end of the work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	paste
<b>Colour</b>	brown.
<b>Odour</b>	slight
<b>Specific gravity</b>	1,26
<b>Flash point</b>	200 °C
<b>Flash point method</b>	Tag closed cup.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Reactivity</b>	Can react with strong oxidizing substances.
<b>Hazardous decomposition products</b>	Toxic vapours of fluorinated compounds. Silica. Carbon oxides and traces of incompletely burned carbon compounds. Silica. If this product is heated to > 150 degrees C, trace quantities of formaldehyde may be released.

## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation</b>	Slightly irritating. Product may emit formaldehyde vapours at temperatures above 150°C in the presence of air. Formaldehyde vapour is harmful by inhalation and irritating to eyes and respiratory system at breathing concentration less than one part per million (1 ppm).
<b>Skin contact</b>	No adverse effects are normally expected.
<b>Eye contact</b>	May cause temporary discomfort.

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**Ingestion** Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

### 12. ECOLOGICAL INFORMATION

**Mobility** Solid material, insoluble in water. No adverse effects are predicted.

**Accumulation** No bioaccumulation potential.

**Ecotoxicity** No adverse effects on aquatic organisms are predicted. No adverse effects on bacteria are predicted.

### 13. DISPOSAL CONSIDERATIONS

**General** Product and packaging should be disposed of in accordance with regional and/or national regulations.

**Disposal group** EWC code: 12 01 12. Recommendation.

**Packings** Dispose of in accordance with local regulations.

### 14. TRANSPORT INFORMATION

**Flash point** 200 °C

**Additional information** No special packaging or labelling requirements according to ADR, IMDG or IATA.

### 15. REGULATORY INFORMATION

**S-phrases** S-24/25 Avoid contact with skin and eyes.  
S-41 In case of fire and/or explosion, do not breathe fumes.

**Additional information** Restricted to professional users. No ozone depleting chemicals are present or used in manufacture.

### 16. OTHER INFORMATION

**Information sources** EC Directives 1967/548/EEG, 1999/45/EG, 2001/58/EG and 2001/59/EG relating to the classification, packing and labelling of dangerous preparations.

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### Additional information

This information is only valid for above mentioned product and is not necessary valid if the product is used together with one or several other products or in another process. The information is according to our judgement correct and complete and given in good faith but without warranty. It is up to the user to assure himself that the information is relevant and complete when it comes to his own use of this product.

### First released

13.06.2002

### Replaces

07.05.2004

### Printed date

31.01.2008

--- SAFETY DATA SHEET conforming to directive 2006-8-EC ---