

Reviewed on: 02.11.2011

1 Identification of the substance/preparation and of the company/undertaking

Trade name:	Nähmaschinenöl / Oil for Sewing Machines Ia
Article numbers:	100100 - 100125
Application of the substance / the preparation:	Lubricating oil
Manufacturer/Supplier:	Gessert & Sohn Siemensstr. 17 40721 Hilden - Germany Telefon: +49 2103 / 51681 Telefax: +49 2103 / 51682 eMail: info@hanseline.de
Further Information obtainable from:	general management

*2 Hazards identification

Information concerning particular hazards for human and environment:	Product must not reach environment without control.
Classification system:	The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

*3 Composition/information on ingredients

Description:	mineral oil, highly refined
Dangerous components:	Product is not classified as hazardous substance in the sense of the Hazardous Substances Act/ EC Regulations.

4 First-aid measures

General Information:	No particular health risks in case of appropriate handling.
After Inhalation:	Supply fresh air; consult doctor in case of complaints.
After skin contact:	Wash with water and soap.
After eye contact:	Rinse opened eye for several minutes under running water.
After swallowing:	Do not induce vomiting. Summon a doctor immediately. Rinse out mouth thoroughly with water.

5 Fire-fighting measures

Suitable extinguishing agents:	CO ₂ , sand, extinguishing powder. Do not use water.
For safety reasons unsuitable extinguishing agents:	full water jet
Special hazards caused by the substance, its products of combustion or resulting gases:	Nitrogen Oxids (NO _x), Carbon monoxide (CO), Sulphur Dioxide (SO ₂)
Protective equipment:	Mount respiratory protective device.

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6 Accidental release measures

Person-related safety precautions: Ensure adequate ventilation. Avoid skin contact.

Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.
Do not allow to penetrate the ground/ soil.

Measures for cleaning/collecting: Absorb with liquid-binding material. Dispose of the material collected according to regulations.

7 Handling and storage

Information for safe handling: No special measures required.

Information about fire- and explosion protection: No special measures required.

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: No special requirements.

Further information about storage conditions: none

8 Exposure controls/personal protection

Additional information: The lists valid during the making were used as basis.

Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

General protective and hygienic measures Avoid dose or long term contact with the skin.

Respiratory protection: Not required.

Protection of hands: Oil resistant gloves
Material of gloves:
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 protection: Safety goggles.

Body protection: Protective work clothing.

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9 Physical and chemical properties

General Information

Form: fluid
Colour: bright-yellow
Odour: characteristic

Change in condition

Pour point:	< -12° C	DIN/ISO 3016
flash point:	ca. 200° C	DIN/ISO 2592
Density (at 15° C):	0,85 g/cm ³	DIN 51757
Viscosity (kinematic at 40° C):	> 20,5 mm ² /s	DIN 51562

10 Stability and reactivity

Thermal decomposition / conditions to be avoided: This substance is combustible. Stable when used according to rules.

Hazardous decomposition products: Incomplete combustion/ thermic decomposition lead to formation of smoke, carbon dioxide, and dangerous gases such as carbon monoxide.

11 Toxicological information

Acute toxicity/ Irritability/ Sensitization:

LD 50 acute oral: > 2400 mg/kg rat

Irritant effect on skin and eye: No irritating effect.

Sensitization: No sensitizing effects known.

Experiences made from practice: Inhalation of thermic decomposition products such as vapour, mist or smoke can affect health. Frequent or prolonged skin contact can lead to degreasing of the skin and dermatitis.

Additional Information: In case of appropriate handling and consideration of the usual precautions for the use of mineral oils no particular dangers are known for this product.
The product has not been tested. The information is derived from products of similar composition.

12 Ecological Information General notes

Biological degradability: potential biodegradable

Mobility and bioaccumulative potential: Float on the water. Available in liquid form.

General regulation: Do not discharge product unmonitored into the environment.

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13 Disposal considerations

European waste catalogue: 13 02 05
mineral-based non-chlorinated engine, gear and lubricating oils

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

Uncleaned packaging:: EWC-Code 15 01 99 D1 Packaging with product residue

14 Transport information

Land and inland navigation transport ADR/GGVS/RID/GGVE: no hazardous material as defined by the prescriptions.

Marine transport IMDG/GGV See: no hazardous material as defined by the prescriptions.

Air transport ICAO/IATA: no hazardous material as defined by the prescriptions.

15 Regulatory Information

Labelling according to FU guidelines:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

National regulations

Decree for case of interference/ remarks: Accident decree, addendum II: not named.

Classification according to VbF/ remarks: not applicable

German TA Luft remarks: organic substances class III

Water hazard class: 1 (German Regulation) KBwS-classification

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 legality valid contractual relationship.

Sources of key data used: DGM-K Bericht 400-1, 400-2, 400-7 Concawe Report "Health aspects of lubricants" 1/1983
