

# SAFETY DATA SHEET

according to 91/155/EEC



18/10/2001

## 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Name:** OPTIMOL PASTE WHITE T **Code:** 08464  
**Application:** Suitable for all assembly applications as well as for base and thin-film lubrication

**Company:** Castrol Industrie GmbH  
**Address:** Erkelenzer Straße 20, D-41179 Mönchengladbach  
**Telephone:** 02161/909- 30  
**Fax:** 02161/909- 400  
**Emergency Telephone:** Poisons Centre Munich: 089/192 40

## 2: COMPOSITION / INFORMATION ON INGREDIENTS

**Composition:** Highly refined mineral oil, Lithium soap, Solid lubricants, Polyisobutylene and additives

Hazardous Ingredient(s)	Amount	Symbol	Risk Phrases	Other Information
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This product contains ingredients classified as hazardous. However, they are NOT present in sufficient quantities to warrant classifying the product as hazardous

Dibutyltin dilaurate	2 %	Xn, N	R36/38, R48/22 R50/53	CAS No 77-58-7
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All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of Notified Chemical Substances) or are exempt. Refer to Section 8 for Occupational Exposure Limits.

## 3: HAZARDS IDENTIFICATION

This product is NOT classified as hazardous.

## 4: FIRST AID MEASURES

**Eyes:** Irrigate immediately with copious quantities of water for several minutes.  
**Skin:** Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. If skin has a tendency towards dryness, apply an emollient or conditioning cream.  
**Inhalation:** Remove from exposure - unlikely to occur.  
**Ingestion:** Obtain medical attention urgently. Do NOT induce vomiting.

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## 5: FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Carbon dioxide, powder, foam or water fog - Do not use water jets  
**Special Exposure Hazards:** None  
**Special Protective Equipment:** None

## 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Spilt product presents a significant slip hazard.  
**Environmental Precautions:** Prevent entry into drains, sewers and water courses.  
**Decontamination Procedures:** Gather into containers. Dispose of as waste.

## 7: HANDLING AND STORAGE

**Handling:** No special precautions.  
**Storage:** Store only in original container. Store out of direct sunlight. Never leave a container unsealed.  
**Storage class according to German VCI:** 11  
**TA-Air / Appendix E (class):** III  
**Water Endangering Class:** 2 Classification according to German regulations for preparations  
**VbF:** None

## 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Substance

None of the ingredients of this product have an occupational exposure limit

**Engineering Control Measures:** None  
**Personal Protective Equipment:** Avoid skin and eye contact. Wear impervious gloves (eg of PVC), in case of repeated or prolonged contact.  
A high standard of personal hygiene is essential

## 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Paste  
**Colour:** White  
**Odour:** Mild  
**pH(concentrate):** Not applicable  
**Melting Point/Range (°C):** Not applicable  
**Relative Density (at 20°C):** 1171 Kg/m<sup>3</sup>  
**Water Solubility:** Insoluble  
**Viscosity (40°C):** Paste

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## 10: STABILITY AND REACTIVITY

<b>Stability:</b>	Stable, will not polymerise
<b>Conditions to Avoid:</b>	Temperatures (°C) above 200
<b>Materials to Avoid:</b>	Strong oxidising agents
<b>Hazardous Decomposition Products:</b>	None With correct use

## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components. Expected oral LD<sub>50</sub>, rat > 2g/kg. Expected dermal LD<sub>50</sub>, rabbit > 2g/kg.

### Health Effects

<b>On Eyes:</b>	May cause transient irritation.
<b>On Skin:</b>	May defat the skin. May cause transient irritation. Unlikely to irritate on brief or occasional exposure.
<b>By Inhalation:</b>	Low volatility makes inhalation unlikely at ambient temperatures.
<b>By Ingestion:</b>	May cause nausea, vomiting and diarrhoea.
<b>Chronic:</b>	Repeated and prolonged skin contact may lead to skin disorders.
<b>Other:</b>	None known

## 12: ECOLOGICAL INFORMATION

<b>Environmental Assessment:</b>	When used and disposed of as intended, no adverse environmental effects are foreseen.
<b>Mobility:</b>	Non-volatile. Paste. Insoluble in water.
<b>Persistence and Degradability:</b>	Not known
<b>Bioaccumulative Potential:</b>	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
<b>Ecotoxicity:</b>	Not expected to be toxic to aquatic organisms. Not expected to be inhibitory to sewage bacteria.
<b>Other Information:</b>	None

## 13: DISPOSAL CONSIDERATIONS

This Product must be disposed of according to applicable waste regulations. The following information is indicative/suggestive only. Different waste classifications may result, depending on use and origin.

	<b>Disposal Code:</b>	<b>Recommended Disposal</b>
<b>Unused Product:</b>	12 01 12	SAV
<b>Used/Contaminated Product:</b>	12 01 12	SAV
<b>Packaging:</b>	15 01 99 D1	Container Disposal Synthetic drums / Steel drums in case of steel drums: May be steam cleaned and recycled

## 14: TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

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## 15: REGULATORY INFORMATION

The product is a preparation and is NOT classified according to EEC Guideline 88/379

**EC Directives:** Safety Data Sheets Directive, 91/155/EEC  
Dangerous Preparations Directive, 88/379/EEC  
Framework Waste Directive, 91/156/EEC  
Hazardous Waste Directive, 91/689/EEC.

**National Regulatory Information:** Gesetz über die Beförderung gefährlicher  
Güter; Wasserhaushaltsgesetz; Chemikaliengesetz  
(ChemG); Gefahrstoffverordnung (GefStoffV); Abfallgesetz (AbfG); Bundes-  
Immissionsschutzgesetz (BImSchG); TA-Luft; Verpackungsverordnung  
(VepackungsV)

## 16: OTHER INFORMATION

The information given is based on current knowledge. Products are described in terms of their safety data. The data does not signify any warranty with regard to the products' properties.

The product should only be used for the stated application or applications. Use of the product for applications other than as stated in the sheet may give rise to risks not mentioned in this sheet.

Further information relating to the use of the product can be obtained from the technical datasheets.

***All changes that have been made since the last issue are displayed by the stars (\*) at every single section.***

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