

# MATERIAL SAFETY DATA SHEET

## According to (EC) No 1907/2006

Date of Issue: 02.08.2016

Revised: 03.02.2013

### Solid Compound UNIPOL® Hyfin

#### 1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY

Trade name: UNIPOL® Hyfin  
General chemical description: mixture fatty acids, tallow, abrasive polishing minerals  
Usage: polishing compound for metal surfaces  
Company identification: OSBORN International GmbH  
Polierpastenwerk Haan  
Zweigniederlassung der Jason GmbH  
Rudolf-Harbig-Weg 10  
42781 Haan/Germany  
Emergency phone: Tel.: +49 (0) 2129-9307-0 Fax : +49 (0) 2129-9307-23  
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#### 2. Hazards identification

Special hazards for man and environment according to 67/548/EC as amended  
Symbols of danger: not subject to the regulation  
R-phrases: none S-phrases: none

#### 3. Composition/ information on ingredients:

Generally chemical description mixture fatty acids, tallow, abrasive polishing minerals (Al<sub>2</sub>O<sub>3</sub>)

#### 4. FIRST AID MEASURES:

Eye Contact: Wash with plenty of water or eyewash solution and seek medical advice.  
Skin Contact: Wash with soap and water. Seek medical advice when red irritation of skin visible.  
Inhalation: Remove from dusty atmosphere, go into fresh air, normally no further treatment required.  
Ingestion: Material is not toxic. However do not vomit. Seek medical advice if large quantities are involved.

#### 5. FIRE-FIGHTING MEASURES:

Extinguishing media: Foam, carbon dioxide, water mist, dry powder - no restriction.  
Environmental hazards: In the event of fire the following can be released: CO, CO<sub>2</sub>, NO<sub>x</sub>.  
Particular hazards: Use adequate aspiration devices. Do not allow contaminated water into drains / groundwater.  
Personal Protection: Wear suitable protective cloths, eye protection and self-contained breathing apparatus.

#### 6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Ensure adequate exhaust ventilation. Slippery on floor when spilled.  
Environmental precautions: Do not discharge into drains/ surface waters/ groundwater.  
Methodes for cleaning up: Take up mechanically, send in suitable containers for recovery or disposal.

#### 7. HANDLING AND STORAGE

Local exhaust ventilation is strongly recommended when used for normal polishing operation. A dust mask may be adequate for smaller quantities and/or intermittent use. Also refer to 8. Exposure Controls / Personal Protection.  
Store in a cool dry place (5° < t < 40°C) away from foodstuffs. Should be consumed within 12 months after day of production.

#### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

Exposure limits/ Refer to „7. Handling and Storage“ and „15. Regulatory information“. If dust levels are  
Respiratory protection: likely to exceed the OES, a dust mask should be worn complying with BS EN 149  
„Specification for filtering half masks to protect against particles“.

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Eye protection: Goggles should be worn if necessary. Avoid contact with eyes.  
Personal protective equipment: Overalls and gloves may help to prevent workers becoming excessively dirty.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES:

Form:	solid	Colour:	white
Odour:	characteristic	Vapour Pressure	n.a.
Melting Point:	n.a.	pH-value:	n.a.
Boiling Point:	~ 110°C	Flammability:	n.a.
Explosive Properties:	none	Oxidising Properties:	none
Relative Density:	approx. 1,4 g/cm <sup>3</sup> at 20°C	Solubility in water:	not soluble

#### 10. STABILITY AND REACTIVITY

Stable under normal conditions. Hazardous decomposition products: CO, CO<sub>2</sub>, Nox. Contact with acids to be avoided.

#### 11. TOXICOLOGICAL INFORMATION

Generally regarded as a non-toxic substance based on experience of long term exposure.

Cronical toxicology: Not known.  
Oral toxicology: Depending on the quantity sickness or diarrhoe can occur when ingested.  
Inhalation: The inhalation of steam can be harmful due to thermo decomposition.  
Primary irritation: Skin: Not listed as irritational product although permanent contact should be avoided.  
Eyes: In case of eye contact after first aid measures red eyes or burning eyes can occur.  
Sensitization: The product is not classified as sensitising.

#### 12. ECOLOGICAL INFORMATION

The product is biodegradable and insoluble in water. Nevertheless do not allow to enter soil, waterways or waste water.

Classification in german regulations: WGK 1 (self indication according to VCI)

#### 13. DISPOSAL CONSIDERATIONS

In accordance with national and local regulations special waste must be taken to an authorised waste incineration plant.  
Disposal code according to EAK / EWC: 120115. All packing material must be fully discharged and can be recycled after cleaning.  
Spoiled packing must be disposed like the product itself.

#### 14. TRANSPORT INFORMATION

ADR / UN No.: The product does not constitute a hazardous substance in national/international road, rail, sea and air transport.  
IMDG / IATA: Not classified as dangerous goods.

#### 15. REGULATORY INFORMATION:

The product does not require a hazard warning label in accordance with the EC directives/German regulations on dangerous substances.  
The product is not listed in german VbF (as burning liquid).

#### 16. OTHER INFORMATIONS:

S2 Keep away from children  
R 66 May cause rough or chapped skin during permanent contact

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid relationship. This material safety data sheet is valid until further information from the supplier