

## BENOL White Mineral Oil

Date of issue: 01.12.2010

Sonneborn Refined Products B.V. urges the recipient of this Safety Data Sheet to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety you should (1) notify your employees, agents and contractors of the information on this sheet,(2) furnish a copy to each of your customers for the product, and (3) request your customers to inform their employees and customers as well.

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

#### Identification of the substance or preparation

White Mineral Oil

#### Use of substance/preparation:

Highly refined mineral oil is typically used as a blending base in a variety of applications including cosmetic, pharmaceutical, food and general industrial.

#### Company identification

Sonneborn Refined Products B.V.  
Mainhavenweg 6  
1043 AL Amsterdam  
The Netherlands  
Tel: +31-20-6117475  
Fax: +31-20-6111170  
E-mail: QEHS@sonneborn.com

#### Emergency telephone number

Tel.: +31.20.611.74.75

### 2. HAZARDS IDENTIFICATION

GHS Classification : Category 1: Aspiration hazard, Label: GHS08, Signal word: Danger

Human Health Hazards : H304 May be fatal if swallowed and enters airways

Physico-chemical and environmental hazards and effects: None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	% BY WEIGHT	HAZARD	DANGER SYMBOL(S)
White Mineral Oil	100	H304	GHS08
Trade secret			

## BENOL White Mineral Oil

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### 4. FIRST AID MEASURES

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**Swallowing**

Do not induce vomiting. Obtain medical attention immediately.

**Inhalation**

No emergency care anticipated.

**Skin contact**

No emergency care anticipated.

**Eye contact**

Flush eyes thoroughly with water for several minutes. Obtain medical attention if discomfort persists.

**Notes to physician**

None

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### 5. FIRE-FIGHTING MEASURES

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**Extinguishing media**

Suitable : Extinguish with:  
- dry chemical  
- carbon dioxide (in case of small fires)  
- water fog  
- foam  
- sand or earth

Unsuitable : Do not use water jet.

**Special fire fighting procedures**

Do not direct a solid stream of water or foam into burning material; this may cause spattering and spread the fire.

**Special protective equipment for firefighters**

Self-contained breathing apparatus.

**Unusual fire and explosion hazards**

Following products may be produced during a fire: Oxides of carbon.

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### 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions**

Wear suitable protective equipment.

**Environmental precautions**

Avoid runoff to sewers or waterways. Dike area of spill to prevent spreading and pump liquid to salvage tank. Waste: avoid washing into watercourses. Use methods consistent with local regulations or incinerate.

**Methods for cleaning up**

Dike to contain spill. Absorb on inert material such as sand, earth, vermiculite. Stop the leak if it can be done without risk.

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### 7. HANDLING AND STORAGE

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**HANDLING**

Do not handle at temperatures  $> +60\text{ }^{\circ}\text{C}$

**Ventilation**

General (mechanical) room ventilation is expected to be satisfactory for use at room temperature.

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### STORAGE

#### Storage requirements

Keep away from heat, sparks and flame. Do not store at temperatures: > 25 °C

Store protected from light

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE LIMIT VALUES

COMPONENT	COUNTRY	TYPE REMARK	VALUE
Mineral Oil Mist		If used in way that generates a "mist" observe the limits for Mineral Oil Mist. TWA (mist), ACGIH STEL (mist), ACGIH	5 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>

#### OCCUPATIONAL EXPOSURE CONTROLS

##### Respiratory protection

None expected to be needed.

If used in a way that generates a "mist": wear an appropriate respirator

##### Hand protection / protective gloves

Wear gloves impervious to this material

##### Eye protection

Safety glasses.

Faceshield

##### Skin protection

None

##### Environmental Exposure Controls:

Store in a second containment to catch leakages

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance

Physical state	:	Liquid
Color	:	Colorless
Odor	:	None

#### Important health, safety and environmental information

Flash point : > 170 °C Method: ASTM D93

Upper explosion limits : Not determined

Lower explosion limits : Not determined

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Vapor pressure	:	< 0,1 hPa at 20 °C
Density	:	0,81 - 0,89 g/cm <sup>3</sup> at 20 °C
Bulk density	:	Not available
Solubility in water	:	Negligible
Kinematic viscosity	:	18 - 22 mm <sup>2</sup> /s at 40 °C

### Other information

Melting point	:	Not applicable
Autoignition temperature	:	Not determined

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## 10. STABILITY AND REACTIVITY

### STABILITY

Stable.

#### Conditions to avoid

Extremes of temperature and direct sunlight

#### Materials to avoid

Strong oxidizing agents.

#### Hazardous decomposition products

No hazardous decomposition products to be formed during normal storage

Combustion may produce carbon monoxide and/or carbon dioxide.

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## 11. TOXICOLOGICAL INFORMATION

### GENERAL

No evidence of harmful effects from available information.

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## 12. ECOLOGICAL INFORMATION

White mineral oil will be inherently biodegradable in water under aerobic conditions, and will be ultimately biodegraded by micro-organisms (although the biodegradability of White Mineral Oil will necessarily be limited by its low solubility in water).

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## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations or incinerate.

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### 14. TRANSPORT INFORMATION

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#### ADR/RID/IMDG/ICAO

This product is not regulated by ADR / RID / IMDG / ICAO.

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### 15. REGULATORY INFORMATION

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#### GHS classification

- Danger symbol(s) : GHS-classification: Category 1: Aspiration hazard, Label: GHS08, Signal word: Danger
- Risk phrases : H304: May be fatal if swallowed and enters airways
- Safety phrases : P301 + P310: If swallowed: Immediately call a poison center or doctor/physician.  
P331: Do not induce vomiting  
P405: Store locked up.
- Contains : White Mineral Oil

#### Chemical Inventory

- Europe : This product is on the EINECS inventory.

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### 16. OTHER INFORMATION

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#### Recommended uses and restrictions

Please consult the product and/or application information bulletins for this product.

#### Further information

Where appropriate, use CE approved personal protection equipment.

|| A vertical line in the left margin of the report indicates a change compared to the previous version.

This Safety Data Sheet conforms to EC Directive 1907/2006 and amendments.

The opinions expressed herein are those of qualified experts within Sonneborn Refined Products B.V.. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of Sonneborn Refined Products B.V., it is the user's obligation to determine the conditions of safe use of the products.