

OHB-20

HONING OIL

1.1 Product Identifier

Product Name: **OHB-20**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses: Metal working fluid

Uses advised against: No uses advised against identified.

1.3 Details of the supplier of safety data sheet

Manufacturer / Supplier HONINGTEC S.A.
C/ SANT JAUME 8-14
08550 - ELS HOSTALETS DE BALENYA (BARCELONA) ESPAÑA
TELF. +34 938898410

1.4 Emergency telephone number +34 938898410

2 Hazards identification

2.1 Classification of the substance or mixture

The product has been classified and labelled as hazardous according to regulation (EU) 1272/2008 (CLP)

Classification according to Regulation (EC) N° 1272/2008 as amended

Health Hazards

Aspiration Hazard Category 1 H304: May be fatal if swallowed and enters airways

Hazard Summary

Physical Hazards: No data available.

Health Hazards

Ingestion: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately

2.2 Label elements

Contains: Distillates (petroleum), hydrotreated light
White Oil



Signal Words:

Danger

Hazard Statements:

H304: May be fatal if swallowed and enters airways

Precautionary Statement

Response:

P301+P310: IF SWALLOWED: Immediately call a Doctor

P331: Do not induce vomiting

2.2 Other hazards:

By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.

3 Composition / information on ingredients

3.2 Mixtures

General information: Mixture containing severely refined base oils and additives.

Chemical name	Identifier	Concentration*	REACH Registration n°	Notes
Distillates (petroleum) Hydrotreated light	EINECS: 265-149-8	50,00 - < 100,0%		< 60%
White Oil	EINECS: 276-737-9	20,00 - < 50,0%	01-2119474878-16	

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

PBT: Persistent, bioaccumulative and toxic substance.

vPvB: Very persistent and very bioaccumulative substance

Classification

Chemical name	Identifier	Classification
Distillates (petroleum) Hydrotreated light	EINECS: 265-149-8	CLP: Asp.Tox. 1:H304, Flam. Liq. 3;H226
White Oil	EINECS: 276-737-9	CLP: Asp.Tox. 1:H304

CLP: Regulation N° 1272/2008

For the wording of the listed risk phrases refer to section 16

4 Description of first aid measures

Inhalation: Supply fresh air; consult doctor in case of symptoms.
Eye contact: Promptly wash eyes with plenty of water while lifting the eye lids.
Skin Contact: Wash with soap and water
Ingestion: Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach contact doesn't get into the lungs. Do NOT induce vomiting

4.2 Most important Symptoms and effects, both acute and delayed;

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

4.3 Indication of any immediate medical attention and special treatment needed.

Get medical attention if symptoms occur

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

CO₂, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added.

· Unsuitable extinguishing media

Water with a full water jet

5.2 Special hazards arising from the substance or mixture:

During fire, gases hazardous to health may be formed.

5.3 Advice for firefighters

Special fire fighting procedures:

Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.

Special protective: Self-contained breathing apparatus and full protective clothing must be

Equipment for fire-fighters: worn in case of fire

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

In case of spills, beware of slippery floors and surfaces.

6.2 Environmental precautions:

Prevent from spreading (e.g. by binding or oil barriers). Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations. Stop the flow of material, if this is without risk.

6.4 Reference to other sections:

See section 8 of the SDS for Personal protective equipment. See section 7 for information on safe handling see section 13 for information on disposal.

7 Handling and storage

7.1 Precautions for safe handling

Prevent formation of aerosols. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Observe good industrial hygiene practices. Provide adequate ventilation.

7.2 Conditions for safe storage, including any Incompatibilities:

Store locked up. Local regulations concerning handling and storage of waterpolluting products have to be followed. Do not heat up to temperatures close to the flash point.

7.3 Specific end uses: Not applicable

Storage Class: 10, Combustible liquids

8 Exposure controls / personal protection

8.1 Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits

8.2 Exposure Controls

Appropriate engineering controls:

Provide adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

General information:

Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

Eye/face protection:

Safety glasses (EN 166) recommended during refilling

Skin protection:

Hand protection:

Material: Nitrite butyl rubber (NBR)

Min-Breakthrough time: ≥ 480 min

Recommended thickness of the material: ≥ 0.38 mm

Avoid long-term and repeated skin contact. Suitable gloves can be recommended by glove supplier. Use skin protection cream for preventive skin protection. Protective clothing where permitted in accordance to safety directions. The exact break through time has to be determined by the manufacturer of the protective gloves and has to be observed.

Other:

Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

Respiratory Protection:

Ensure good ventilation / exhaustion at the workplace. Avoid breathing vapour / aerosols

Thermal hazards:

Not known

Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Environmental Controls:

No data available.



9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Physical state: liquid

Form: liquid

Colour: Amber

Odour: Characteristic

Odour Threshold: Not applicable for mixtures

pH: Not applicable

Freezing point: Not applicable for mixtures

Boiling Point: Value not relevant for classification

Flash point: > 115°C

Evaporation Rate: Not applicable for mixtures

Flammability (solid,gas) Value not relevant for classification

Flammability limit - Upper (%) Not applicable for mixtures

Flammability limit - Lower (%) Not applicable for mixtures

Vapor pressure: Not applicable for mixtures

Vapor density (air=1): Not applicable for mixtures

Density: 0,86 g/cm³ (15 °c) (DIN 51757)

Solubility (ies)

Solubility in Water: Insoluble in water

Solubility (Other): No data available

Partition coefficient (n-octanol/water): Not applicable for mixtures

Autoignition Temperature: Value not relevant for classification

Decomposition Temperature: Value not relevant for classification

Kinematic viscosity: 3,5 - 7 mm²/s (40°C DIN 51562)

Explosive properties: Value not relevant for classification

Oxidizing properties: Value not relevant for classification

9.2 Other information: No data available

10 Stability and reactivity

10.1 Reactivity: Stable under normal use conditions

10.2 Chemical Stability: Stable under normal use conditions

10.3 Possibility of hazardous reactions: Stable under normal use conditions

10.4 Conditions to avoid: Stable under normal use conditions

10.5 Incompatible materials: Strong oxidizing substances. Strong acids. Strong bases.

10.6 Hazardous decomposition; Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Oral

product: Not classified for acute toxicity based on available data

Specified substances

White oil LD 50 (Rat):> 5.000 mg/Kg

Dermal

product: Not classified for acute toxicity based on available data

Specified substances

White oil LD 50 (Rat):> 2.001 mg/Kg

Inhalation

product: Not classified for acute toxicity based on available data

Specified substances

White oil LD 50 (Rat, 4h):> 5 mg/l
Dusts, mists and fumes



Skin Corrosion/ Irritation:

product: Based on available data, the classification criteria are not met.

Serious Eye Damage / Eye Irritation:

product: Based on available data, the classification criteria are not met.

Respiratory or Skin Sensitization:

product: Skin sensitizer: Based on available data, the classification criteria are not met

Respiratory sensitizer: Based on available data, the classification criteria are not met

Germ cell mutagenicity

product: Based on available data, the classification criteria are not met

Carcinogenicity

product: Based on available data, the classification criteria are not met

Reproductive toxicity

product: Based on available data, the classification criteria are not met

Specific target Organ Toxicity - Single exposure

product: Based on available data, the classification criteria are not met

Specific target Organ Toxicity - Repeated exposure

product: Based on available data, the classification criteria are not met

Aspiration Hazard

product: May be fatal if swallowed and enters airways

Other Adverse Effects:

No data available

12 Ecological information

12.1 Toxicity

Acute toxicity

product: Based on available data, the classification criteria are not met

Chronic Toxicity **Product** Based on available data, the classification criteria are not met

12.2 Persistence and Degradability

Biodegradation

product: Not applicable for mixtures

12.3 Bioaccumulative Potential

product: Not applicable for mixtures

12.4 Mobility in Soil:

product: Not applicable for mixtures

12.5 Results of PBT and vPvB assessment:

The product does not contain any substances fulfilling the PBT/vPvB criteria

12.6 Other Adverse effects:

No data available.

Water Hazard Class (WGK): WGK 1: Slightly water-endangering.

13 Disposal considerations

13.1 Waste treatment methods

General information: Dispose in accordance with all applicable regulations

Disposal methods: Discharge, treatment, or disposal may be subject to national, state, or local laws.

European waste Codes

Unused product: 12 01 07*: mineral-based machining oils free of halogens (except emulsions and solutions)

14 Transport information

ADR/RID

14.1 UN Number: -

14.2 UN Proper Shipping Name: -

14.3 Transport Hazard Class

Class: Non dangerous goods

Labels: -

Hazard n° (ADR): -

Tunnel restriction code: -

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HONINGTEC, S.A.

- 14.4 Packing Group: -
14.5 Environmental hazards -
14.6 Special precautions for user: -

ADN

- 14.1 UN Number: -
14.2 UN Proper Shipping Name: -
14.3 Transport Hazard Class
Class: Non dangerous goods
Labels: -
Hazard n° (ADR): -
Tunnel restriction code: -
14.4 Packing Group: -
14.5 Environmental hazards -
14.6 Special precautions for user: -

IMDG

- 14.1 UN Number: -
14.2 UN Proper Shipping Name: -
14.3 Transport Hazard Class
Class: Non dangerous goods
Labels: -
Hazard n° (ADR): -
Tunnel restriction code: -
14.4 Packing Group: -
14.5 Environmental hazards -
14.6 Special precautions for user: -

IATA

- 14.1 UN Number: -
14.2 UN Proper Shipping Name: -
14.3 Transport Hazard Class
Class: Non dangerous goods
Labels: -
Hazard n° (ADR): -
Tunnel restriction code: -
14.4 Packing Group: -
14.5 Environmental hazards -
14.6 Special precautions for user: -

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulations

Regulation (EC) N° 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) N° 850/2004 on persistent organic pollutants: none

15.2 Chemical safety assessment: No chemical safety assessment has been carried out

16 Other information:

Revision Information: Vertical lines in the margin indicate an amendment

Wording of the H-statements in section 2 and 3

H226 Flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

Other information: The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies. The classification result from the conventional method mentioned in regulation EU 1272/2008 (CLP)

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Article 31



Revision date:

08-08-2016

Disclaimer:

The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge belief. It characterizes the product only with regards to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech.product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.