



**Trade Name: CLASSIC HAMDİR UM 46 HLPD Atlas**

Company / Supplier: CLASSIC Schmierstoff GmbH &amp; Co. KG, Lange Straße 100 - 106, D- 27318 Hoya

Telephone: +49 - 4251-81251, Date of issue: 29.08.2014 Replaces Data Sheet of: 01.08.2013

**SECTION 4: First aid measures****4.1 Description of first aid measures****4.1.1 Inhalation:**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

If symptoms persist, call a physician.

**4.1.2 Skin Contact:**

Wash off with warm water and soap.

**4.1.3 Eye Contact:**

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

**4.1.4 Ingestion:**

Do not induce vomiting. Rinse mouth. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

Risk of product entering the lungs on vomiting after ingestion.

Aspiration may cause pulmonary oedema and pneumonitis.

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

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****5.1.1 Suitable Extinguishing Media:**Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.**5.1.2 Extinguishing Media to Avoid:**

high volume water jet

**5.2 Special hazards arising from the substance or mixture**In the event of fire the following can be released: Carbon oxides, Sulphur oxides, nitrogen oxides (NO<sub>x</sub>).**5.3 Advice for firefighters****5.3.1 Special Protective Equipment:**

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

**5.3.2 Additional Information:**

In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

See chapter 8.2.2

Contaminated surfaces will be extremely slippery.

**6.2 Environmental precautions**

Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.

**6.3 Methods and material for containment and cleaning up**

Prevent spreading over a wide area (e.g. by containment or oil barriers). Soak up with oil absorbent material. Shovel into suitable container for disposal.

**6.4 Reference to other sections**

None.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling****7.1.1 Precautions for Safe Handling:**

Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use.

When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

Do not port contaminated cleaning rags in pockets.

Contaminated equipment (brushes, rags) must be cleaned immediately with water.

**7.1.2 Precautions in Case of Fire and Explosion:**

Normal measures for preventive fire protection. Do not smoke.

**7.2 Conditions for safe storage, including any incompatibilities****7.2.1 Storage Instructions:**

Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container.

Keep away from heat. Keep away from direct sunlight.

**7.2.2 Store away from:**

Do not store together with oxidizing agents

**7.2.3 Further Information on Storage Conditions:**

Avoid subsoil penetration.

**7.3 Specific end use(s)**

n.av.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Material****Limit Value****8.2 Exposure controls****8.2.1 Appropriate engineering controls**

Ensure adequate ventilation. Do not breathe vapours or spray mist.

**8.2.2 Individual protection measures****8.2.2a Respiratory Protection:** Breathing apparatus needed only when aerosol or mist is formed.

Respirator with filter A2, A2P2, ABEK

**8.2.2b Hand Protection:**

Use protective skin cream before handling the product. protective gloves (nitrile rubber, Neoprene). As the product is a preparation of several substances, the durability of the glove materials cannot be calculated in advance and has to be tested before use. The break through time depends amongst other things from the material, the thickness and the type of glove and therefore has to be measured for each case.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

**8.2.2c Eye Protection:**

safety glasses

**8.2.2d Skin Protection:**

n.av.

**8.2.2e Further Information:**

Observe wearing time limits:

**8.2.3 Environmental exposure controls:**

Do not allow material to contaminate ground water system.

Do not flush into surface water or sanitary sewer system.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

9.1.1	<b>Form:</b> liquid	<b>Colour:</b> red	<b>Odour:</b> mild
			<b>Odour threshold:</b> n.av.
9.1.2	pH-value, undiluted:	n.ap.,	pH-value, 1% aqueous solution: n.ap.
9.1.3	Boiling point / Boiling - range (°C):	n.av.,	Melting point / Melting range (°C): n.av.
9.1.4	Flash point (°C):	> 165,	closed cup
9.1.5	Flammability (EEC A10/A13):	n.av.	
9.1.6	Ignition temperature (°C):	n.av.	
9.1.7	Autoflammability (EEC A16):	None.	
9.1.8	Oxidising properties:	None.	
9.1.9	Explosion hazard:	None.	
9.1.10	Explosion limits (Vol.%) lower:	n.av.,	upper: n.av.
9.1.11	Vapour pressure: / Vapour density (Air = 1):	n.av. /	n.av.
9.1.12	Density (g/ml):	~ 0,88	(15°C)
9.1.13	Solubility (in Water):	practically insoluble	Soluble in: organic solvent
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	~ 46 mm <sup>2</sup> / s	(40°C)
9.1.16	Solvent content (m %):	Not relevant	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	<b>Other information</b>		
	n.av.		

**SECTION 10: Stability and reactivity**

10.1	<b>Reactivity</b>	None.
10.2	<b>Chemical stability</b>	Stable under normal conditions.
10.3	<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
10.4	<b>Conditions to avoid</b>	Protect from frost, heat and sunlight.
10.5	<b>Incompatible materials</b>	strong oxidizing agents.
10.6	<b>Hazardous decomposition products</b>	No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****11.1.1 Substances****11.1.2 Mixtures**

Acute Toxicity:	
Inhalation:	n.av.
Ingestion:	n.av.
Skin Contact:	n.av.
Irritation / corrosion (to skin / eye):	slight
Sensitisation:	None.
Carcinogenicity:	n.av.
Mutagenicity:	n.av.
Teratogenicity:	n.av.
Narcotic Effects:	None.

**11.1.3 – Practical Experience**

11.1.12 n.av.

**11.1.13 Practical Experience**

Observations relevant for classification:

None.

Further Observations:

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Classification of the preparation has been done by calculation in accordance with EEC directives.

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**SECTION 12: Ecological information**

- 12.1 **Toxicity**  
We have no quantitative data concerning the ecological effects of this product.
- 12.2 **Persistence and degradability**  
Not readily biodegradable. Inherently biodegradable. The product is slightly soluble in water. It can be eliminated from water by abiotic processes.
- 12.3 **Bioaccumulative potential**  
n.av.
- 12.4 **Mobility in soil**  
n.av.
- 12.5 **Results of PBT and vPvB assessment**  
This mixture contains no substances which are assessed to be PBT or vPvB.
- 12.6 **Other adverse effects**
- 12.6.1 COD-Value, mg/g: n.av.
- 12.6.2 BOD5-Value, mg/g: n.av.
- 12.6.3 AOX-Remarks: Not applicable.
- 12.6.4 Significant Components: Hydrocarbons
- 12.6.5 Other adverse effects: Not applicable.

**SECTION 13: Disposal considerations**

- 13.1 **Waste treatment methods**
- 13.1.1 Recommendation: Waste - Code - No.: 13 01 10  
The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.  
  
In addition comply with the regional authorities.
- 13.2 **Contaminated Packaging**
- 13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.
- 13.2.2 Safe Handling: As described under Residues.

**SECTION 14: Transport information**

	<b>ADR</b>	<b>IMDG</b>	<b>IATA</b>
	Not a dangerous substance as defined in the above regulations.	Not a dangerous substance as defined in the above regulations.	Not a dangerous substance as defined in the above regulations.
14.1	<b>UN number</b>		
14.2	<b>UN proper shipping name</b>		
14.3	<b>Transport hazard class(es)</b>		
14.4	<b>Packing group</b>		
14.5	<b>Environmental hazards</b>		
14.6	<b>Special precautions for user</b>		
	Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger)  Packing Instructions (Cargo)
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>		

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**SECTION 15: Regulatory information**

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
n.av.
- 15.2 **Chemical safety assessment :**  
A chemical safety assessment has not been carried out.

**SECTION 16: Other information****Text of R / H phrases mentioned in Section 3**

This datasheet has been compiled in accordance with EU regulation 453/201.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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