

## SAFETY DATA SHEET

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### HD OVEN CLEANER

Revision 5  
Revision date 25-May-2007

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

**Product name** HD OVEN CLEANER

**Company** Merlin Chemicals Ltd  
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#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
1-Methoxy-2-propanol (1-Methoxypropan-2-ol)	1-10%	107-98-2	203-539-1	R10
Alkyl Polysaccharide	1-10%			Xi;R41
Potassium hydroxide	30-40%	1310-58-3	215-181-3	Xn; R22 C; R35

#### 3. HAZARDS IDENTIFICATION

**Main hazards** Harmful if swallowed. Causes severe burns.

#### 4. FIRST AID MEASURES

**Skin contact** Irritating to skin. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.

**Eye contact** Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** Irritating to respiratory system. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Harmful if swallowed. If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Use extinguishing media appropriate to the surrounding fire conditions.

**Fire hazards** Burning produces irritating, toxic and obnoxious fumes.

**Protective equipment** Wear: Self-contained breathing apparatus.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Ensure adequate ventilation of the working area. Wear suitable protective equipment.

**Environmental precautions** Prevent further spillage if safe. Advise local authorities if large spills cannot be contained.

**Clean up methods** Contain with sand or granules.

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## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

1-Methoxy-2-propanol (1-Methoxypropan-2-ol)	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 150	WEL 8-hr limit mg/m3: 375 WEL 15 min limit mg/m3: 560
Potassium hydroxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 2

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Wear suitable respiratory equipment when necessary.
<b>Hand protection</b>	Rubber gloves.
<b>Eye protection</b>	In case of splashing, wear: Face shield.
<b>Protective equipment</b>	Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Environmental exposure controls</b>	Users should be aware of environmental considerations and their duties under the Environmental Protection Act.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Colour</b>	Brown.
<b>Odour</b>	Characteristic.
<b>pH</b>	13 - 14
<b>Boiling point</b>	105°C
<b>Relative density</b>	1.240 - 1.280
<b>Water solubility</b>	soluble..
<b>Melting point</b>	0°C

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Materials to avoid</b>	Acids, aluminium and zinc.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	Ingestion causes burns to the respiratory tract.
<b>Sensitization</b>	May cause sensitisation by inhalation and skin contact.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data is available on this product.
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## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
<b>Disposal of packaging</b>	Containers must be recycled in compliance with national legislation and environmental regulations.

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## 14. TRANSPORT INFORMATION

### ADR/RID

UN 1814	Packing group II
Class 8	Hazard ID 80
Proper Shipping Name SOLUTION .	
POTASSIUM HYDROXIDE,	

### IMDG

UN 1814	Packing group II
Class 8	Marine pollutant NO
EmS Code F-A S-B	

### IATA

UN 1814	Packing group II
Class 8	Subsidiary risk -
Packing Instruction 813 (Cargo)	Maximum quantity 30 L
Packing Instruction 809 (Passenger)	Maximum quantity 1 L

## 15. REGULATORY INFORMATION

### Symbols

C - Corrosive



### Risk phrases

R22 - Harmful if swallowed.  
R35 - Causes severe burns.

### Safety phrases

S1/2 - Keep locked up and out of the reach of children.  
S13 - Keep away from food, drink and animal feedingstuffs.  
S25 - Avoid contact with eyes.  
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 - After contact with skin, wash immediately with plenty of water.  
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.  
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S46 - If swallowed, seek medical advice immediately and show this container or label.

## 16. OTHER INFORMATION

### Text of risk phrases in Section 2

R10 - Flammable.  
R22 - Harmful if swallowed.  
R35 - Causes severe burns.  
R41 - Risk of serious damage to eyes.

### Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. This version replaces all previous versions.

### Revision

This document differs from the previous version in the following areas:  
10 - materials to avoid.