

# PRODUCT SAFETY DATA SHEET

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## 01. IDENTIFICATION OF SUBSTANCE / PREPARATIONS:

**Product name:** Hard Surface Cleaner  
**Description:** For professional use only  
**Supplier:** MB Products (UK) Ltd  
t/a MB Coatings  
Unit 230 Ampress Business Park  
Lymington, Hampshire SO41 8JW  
Tel: 01590 677676 Fax: 01590 678578. [www.mbcoatings.co.uk](http://www.mbcoatings.co.uk)

## 02. COMPOSITION / INFORMATION ON INGREDIENTS:

Description	Index No	CAS No	EC No	Conc. (%w/w)	Symbol	Classification
Sodium Metasilicate		10213-79-3	229-912-9	1-10%	C, Xi	R34, R37, H290, H314, H335
Ethylene glycol monobutyl ether	603-014-00-0	111-76-2	203-905-0	1-10%	Xn, Xi	R20,21/22, R36/38, H332, H312, H302, H319, H315
Trisodium nitrilotriacetate solution		5064-31-3	225-768-6	1-10%	Xi	R36, H302, H319, H351
C9-11 Alcohol Ethoxylate- 12 EO		68439-46-3		1-10%	Xn, Xi	R22, R41, H302, H318

**Xn – Harmful, Xi – Irritant, C – Skin Corrosion**  
The texts of the R & H phases are listed in chapter 15.

## 03. Hazards Identification:



**Xn- Harmful**

**Xi- Irritant / skin corrosive**

### **Risk Warnings**

- May cause skin burns & eye damage

## 04. First Aid Measures:

### **General**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

### **Inhalation**

Remove patient to fresh air & seek medical assistance

### **Skin Contact**

Remove contaminated clothing. Wash skin with soap & water, rinse abundantly.

### **Eye Contact**

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 15 minutes holding the eyelids apart & seek medical advice.

### **Ingestion**

Do NOT induce vomiting. Keep the patient warm and at rest and call a doctor immediately.

## 05. Fire-Fighting Measures:

**Suitable Extinguishing Media**

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Use Carbon oxides for extinguish. Water may **NOT BE** used to extinguish fire but it should be used to cool the containers exposed to flames & prevent fires & explosions. Do not allow run-off from firefighting to enter drains or watercourses.

## Unsuitable Extinguishing Method

Water Jet

## Special Hazards due to the Substance, its Decomposition Products or Gases products by Fire:

Non-combustible.

## Special Protective Equipment

Appropriate breathing apparatus, helmet with face shield, protection for neck may be required.

## Addition information

Cool closed containers in the vicinity of the source of fire.

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## 06. Accidental Release Measures:

### Person Protective Measures

Refer to protective measures listed in sections 5. Exclude sources of ignition & ventilate the area. Avoid breathing vapors.

### Measures to Protect the Environment

Do not allow to enter drains or watercourses. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes the Environment Agency.

### Cleaning Measures

Contain & collect spillage with inert, absorbent materials & place in a suitable container for disposal according with the waste regulations (see section 13). Clean preferably with a detergent; avoid the use of solvents.

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## 07. Handling and Storage:

### Handling

#### Instructions for Safe Handling

Avoid skin & eye contact. For personal protection see section 8. Comply with the Health & Safety at work laws.

#### Information on Fire and Explosion Protection

Keep container dry & tightly closed in a cool well-ventilated place.

### Storage

#### Requirements for Storage Areas and Containers

Keep container tightly closed. Close containers carefully once opened & store upright in order to prevent any leakage Always keep in containers of the same material as the original one. Observe label precautions. Store in a well-ventilated place away from sources of heat & direct sunlight.

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## 08. Exposure Controls / Personal Protection

### General Protection:

Provide adequate ventilation.

### Exposure

Substance Name	8hr limit		15min limit		8hr limit total		Notation
	ppm	mg/m3	ppm	mg/m3	ppm	mg/m3	
Ethylene glycol monobutyl ether	25	123	50	101.02	Inhalable dust	Respirable dust	WEL

### Personal Protection

#### Respiratory Protection

No specific requirements needed

#### Hand Protection

Wear protective gloves. Any chemical protection glove certified according to EN 374 is suitable: e.g. nitrile gloves. Material thickness: 1.25 mm. The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream).

#### Eye Protection

Required when there is a risk of eye contact. Use tight-fitting protective goggles.

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## Skin Protection

Wear suitable protective clothing but grossly contaminated clothing must be removed & the skin washed with soap & water or a proprietary skin cleaner.

## **Environmental exposure controls**

See section 7 and 12

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## **09 Physical and Chemicals Properties**

Physical state	: Liquid
Colour	: Amber
Odour	: Fruity
pH	: 6.5 – 7.5
Initial Boiling Point	: >100
Melting Point	: <0
Flash Point	: Not applicable
Pressure	: 1.05
Water solubility	: Soluble in water

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## **10. Stability and Reactivity**

Stable under recommended storage and handling conditions (see section 7)

### **Conditions to be avoided**

Avoid extreme temperatures.

### **Substances to be avoided**

Generally unreactive.

### **Hazardous Decomposition Products**

No further relevant information available.

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## **11. Toxicological Information**

No data available. Exposure to organic solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as irritation of the mucous membrane & can be irritating to skin & eyes.

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## **12. Ecological Information**

### **General**

There are no test results available for this product. The product should not be allowed to enter drains or watercourses. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes the Environment Agency. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product. Soluble in water

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## **13. Disposal Considerations**

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

### **Recommendation**

Wastes including emptied containers are controlled wastes & should be disposed of in accordance with regulations made under the Control of Pollution & Environmental Protection Acts.

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## **14. Transport Information**

**Transport by Road or Rail** - UN 3264, Corrosive Liquid, Acidic, Inorganic, N.O.S. (Sodium Metasilicate) Class 8, Packing Group III

**Sea Transport** - UN 3264, Corrosive Liquid, Acidic, Inorganic, N.O.S. (Sodium Metasilicate) Class 8, Packing Group III. Marine Pollutant: No. Hazard ID: 80

**International Road/Rail** - UN 3264, Corrosive Liquid, Acidic, Inorganic, N.O.S. (Sodium Metasilicate) Class 8, Packing Group III. Marine Pollutant: No. Hazard ID: 80. Tunnel Category: (E)

**Air Transport** - IATA / UN 3264, Corrosive Liquid, Acidic, Inorganic, N.O.S. (Sodium Metasilicate) Class 8, Packing Group III. CARGO: Packing Group 856 Maximum quantity: 60L. PASSENGER: Packing Group: 852 Maximum quantity: 5L

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## **15. Regulatory Information**

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## Classification



**Xn-Harmful**

**Xi – Irritant –/skin corrosive**

### Risk Warnings

- R20/21/22 : Harmful by inhalation, contact with skin may cause lung damage if swallowed.  
R34 : Causes burns  
R36/37/38 : Irritates eyes, skin and respiratory system.  
R41 : Risk of serious damage to eyes.

### P Phrases

- P260 : Do not breathe dust/fumes/gas/mist/vapours/spray.  
P264 : Wash thoroughly after handling.  
P280 : Wear protective gloves/clothing/eye and face protection.  
P301+P330+331 : IF SWALLOWED: rinse mouth, do not induce vomiting.  
P303+P361+353 : IF ON SKIN: Remove all contaminated clothing. Rinse skin/Hair with water/shower  
P304+P340 : IN INHALED: Remove person to fresh air & keep comfortable.  
P305+P351+338 : IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses.  
P310 : Immediately call a POISON CENTER / DOCTOR  
P321 : Specific treatment (this is on label)  
P363 : Wash contaminated clothing before reuse  
P405 : Store locked up

### H Phrases

- H290 : Met. Corrosive 1 – May be corrosive to metals  
H314 : Skin Corrosive 1B – Causes severe skin burns & eye damage  
H335 : STOT SE 3 – May cause respiratory irritation.  
H302 : Acute Tox.4 – Harmful if swallowed  
H312 : Acute Tox.4 – Harmful in contact with skin  
H315 : Irritant to skin.2 – Causes skin irritation  
H319 : Irritant to eyes 2 – Causes serious eye irritation.  
H332 : Acute Tox.4 – Harmful if inhaled.  
H351 : Carc.2 – Suspected of causing cancer.  
H318 : Eye damage 1 – Causes serious eye damage.

Danger labeling under regulations 67/548/EEC and 1999/45/EC and following amendments and adjustments.

Workers exposed to this chemical agent must not undergo health checks, providing that available risk-assessment data prove that the risks related to the worker's health and safety are modest and that the 98/24EC regulation is respected.

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## 16. Other Information

Restricted to professional users.

Full text of risk warnings for components listed in section 2

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The information of this Safety Data Sheet is based on the present state of our knowledge & on current EU & national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfill the demands laid down in the local rules & legislation. The information in this SDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products` properties.