

## SAFETY DATA SHEET

### HAMMERITE METAL DEGREASER

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

**PRODUCT NAME:** HAMMERITE METAL DEGREASER

**PART No.:** 11341

**SYNONYMS, TRADE NAMES:** HAM MD

**SUPPLIER:** Hammerite Products Ltd,  
Prudhoe, Northumberland,  
NE42 6LP

**TEL:** 01661-830000

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**EMERGENCY TELEPHONE(S):** 01661-830000

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
SODIUM HYDROXIDE	215-185-5	1310-73-2	1-1.99 %	C	35
NITRILOTRIACETIC ACID (SODIUM SALT)		5064-31-3	5-10 %	Xi	36
QUATERNARY COCO ALKYLAMINE ETHOXYLATE			1-5 %	Xi, N	36, 51/53
ALCOHOL ETHOXYLATE		68439-45-2	1-5 %	Xn	22, 41

The full text for all R-phrases are shown in section 16.

#### 3 HAZARDS IDENTIFICATION

Irritating to skin.  
Risk of serious damage to eyes.

#### 4 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:** Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention. Give nothing by mouth.

**INGESTION:** Keep patient at rest and get medical attention. **DO NOT INDUCE VOMITING!**

**SKIN:** Remove contaminated clothing. Wash the skin immediately with soap and water. Do not use solvent or thinners.

**EYES:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

#### 5 FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use: Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Powder. Do not use water jet.

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## SPECIAL FIRE FIGHTING PROCEDURES:

Keep run-off water out of sewers and water sources. Dike for water control. Cool containers exposed to fire with water spray. Use full protective equipment including self-contained breathing apparatus. Over exposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent.

## UNUSUAL FIRE & EXPLOSION HAZARDS:

Fire will produce dense black smoke containing hazardous products of combustion.

## 6 ACCIDENTAL RELEASE MEASURES

### PRECAUTIONS TO PROTECT ENVIRONMENT:

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.

### SPILL CLEANUP METHODS:

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Exclude non-essential personnel. Avoid breathing vapours. Absorb in vermiculite, dry sand or earth and place into containers. Confine spill. Do not allow product to enter drains. Clean area with detergent. Avoid using solvents.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS:

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. To keep the airborne concentration below the OES when spray painting, or when working in confined spaces use mechanical exhaust ventilation, to control exposure if natural ventilation is insufficient.

### STORAGE PRECAUTIONS:

Keep in cool, dry, ventilated storage and closed containers. Keep away from heat, sparks and open flame. Keep away from children.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
SODIUM HYDROXIDE	1310-73-2	OES	No std.	2 mg/m3

### PROTECTIVE EQUIPMENT:



### RESPIRATORS:

Where good natural (or mechanical exhaust) ventilation is not practicable, suitable respiratory equipment must be worn.

### PROTECTIVE GLOVES:

Chemical resistant gloves required for prolonged or repeated contact.

### EYE PROTECTION:

Wear eye protection if splashes are likely to occur.

### HYGIENIC WORK ROUTINES:

Wash promptly with soap & water if skin becomes contaminated.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear pale straw coloured liquid.	COLOUR:	Clear.
SOLUBILITY DESCRIPTION:	Miscible with water.		

## 10 STABILITY AND REACTIVITY

### STABILITY:

Normally stable.

### MATERIALS TO AVOID:

Strong oxidizing agents. Strong acids. Strong alkalies. Strong reducing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Fire creates: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). and oxides of nitrogen may be produced.

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## 11 TOXICOLOGICAL INFORMATION

<b>INHALATION:</b>	May cause irritation to the respiratory system.
<b>INGESTION:</b>	May cause burns in mucous membranes, throat, oesophagus and stomach. May cause stomach pain or vomiting.
<b>SKIN:</b>	Irritating to skin. Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause skin irritation/eczema. May cause sensitisation by skin contact.
<b>EYES:</b>	May cause severe irritation to eyes. Risk of serious damage to eye. Surfactant or detergent eye injury due to liquid splashes or dust.
<b>ROUTE OF ENTRY:</b>	Ingestion. Skin and/or eye contact.

## 12 ECOLOGICAL INFORMATION

<b>ENVIRONMENTAL HAZARDS:</b>	The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface water. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.
<b>WATER HAZARD CLASSIFICATION:</b>	No data available. However see disposal considerations.

## 13 DISPOSAL CONSIDERATIONS

<b>DISPOSAL METHODS:</b>	Dispose of in accordance with Local Authority requirements. Do not allow the product to enter drains or water courses, or be deposited where it can affect ground or surface waters.
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## 14 TRANSPORT INFORMATION

<b>GENERAL:</b>	The product is not classified as dangerous for carriage.
<b>ROAD:</b>	
<b>UN No:</b>	1263
<b>RAIL:</b>	
<b>SEA:</b>	
<b>MARINE POLLUTANT:</b>	No.
<b>AIR:</b>	

## 15 REGULATORY INFORMATION

### LABEL FOR SUPPLY:



IRRITANT

<b>RISK PHRASES:</b>	R-38 R-41	Irritating to skin. Risk of serious damage to eyes.
<b>SAFETY PHRASES:</b>	S-2 S-23B S-24/25 S-26  S-37/39 S-46  S-51	Keep out of reach of children. Do not breathe vapour/spray. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  Wear suitable gloves and eye/face protection. If swallowed seek medical advice immediately and show this container label.  Use only in well ventilated areas.

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## 16 OTHER INFORMATION

### USER NOTES:

DISCLAIMER: The information given in this document has been compiled on the basis of the best available knowledge. It does not imply that the information is complete or accurate in all cases. It is the users responsibility to satisfy themselves as to the application of the information and/or recommendations given for their own particular use. This Safety Data Sheet has been prepared in accordance with the EEC Directive 91/155/EEC. N/A = Not applicable. N/D = Not determined.

### INFORMATION SOURCES:

MSDS Brig.: Metal Degreaser REV.: 12/11/02

### ISSUED BY:

LH

### REVISION DATE:

08/04/03

### REVISION No. /REPLACES SDS ISSUED:

REV. No.: N/A REPL. SDS GEN.: 10/04/00 No.: 11254

### SDS No.:

11341

### R-PHRASES (Full Text):

R-22	Harmful if swallowed.
R-35	Causes severe burns.
R-36	Irritating to eyes.
R-41	Risk of serious damage to eyes.
R-51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### SAFETY DATA SHEET STATUS:

Approved.