

HEALTH AND SAFETY DATA SHEET

1.) IDENTIFICATION OF THE PREPARATION

PRODUCT NAME ID1500

PRODUCT DESCRIPTION - Heavy Duty Industrial Degreaser

INTENDED USE - Fill an appropriate vessel with hot/cold water. Add product in proportion to the quantities shown on the 'instructions for use' label. Add articles or apply product to the surface to be treated. For professional use only.

2.) COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health hazard within the meaning of the chemicals (Hazard Information & Packaging) Regulations 1993.

Name	Symbol	R-phrases	Conc.	Range
Sodium Hydroxide	<2	xi	R36/R38	

3.) HAZARD IDENTIFICATION

This product contains less than 2% sodium hydroxide. (Also refer to section 11)

4.) FIRST AID MEASURES

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

EYES - Contact lenses must be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

SKIN - Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.

INGESTION - If accidentally swallowed, obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

INHALATION - Remove to fresh air, keep the patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

5.) FIRE FIGHTING MEASURES

Extinguish Media - RECOMMENDED: Alcohol resistant foam, CO₂, Powder, Water spray/mist.

Do not use: Water jet. Recommendations: This product does not constitute a fire hazard. On heating to combustion, it can, however, under certain conditions, produce toxic fumes containing sulphur dioxide and carbon monoxide. Self - contained breathing apparatus should be worn when this product is involved in a large fire.

6.) ACCIDENTAL RELEASE MEASURES

Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8. Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see section 13). Do not allow diluted concentrate to enter drains or water courses. Clean preferably with a detergent; avoid the use of solvents. If the undiluted product enters drains or sewers the local water company should be contacted immediately. On the case of contamination of streams, rivers or lakes, contact the Environment agency.

7.) HANDLING & STORAGE

HANDLING - Prevent air-borne concentrations higher than the occupational exposure limits.

Avoid skin and eye contact, Avoid inhalation of vapour and spray mist. For personal protection, see section 8. Unless the container is specifically designed, never use pressure to empty: it is not a pressure vessel. Always keep in containers made of the same material as the supply container. Good housekeeping standards and regular safe removal of waste materials will minimise the risks of spontaneous combustion and other fire hazards. The manual handling operations regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments.

STORAGE - Observe the label precautions. Store between (5) and (25) degrees C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store no more than two high.

8.) EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of the local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn (see 'personal protection' below)

Exposure Limits:

Substance	Occupational Exposure Limits		Notations
	8hr TWA	15 Min STEL	

Not Applicable

Notes: (1) Long term exposure limit - 8hour time weighted average.

(2) Short term exposure limit - 15 minute reference period.

(3) 'SK' indicates a risk of absorption through the skin. 'SEN' indicates a respiratory sensitizer. 'OES' indicates an Occupational Exposure Standard. 'MEL' indicates a Maximum Exposure Limit. OEL's are taken from the current version of EH40, except those marked 'SUP' which are assigned by the supplier of the substance.

PERSONAL PROTECTION: All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances, must be selected to meet the requirements of the COSHH regulations.

RESPIRATORY PROTECTION: Not Applicable

HAND PROTECTION: When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

EYE PROTECTION: Eye protection designed to protect against liquid splashes where intended use of this product gives rise to the risk.

SKIN PROTECTION: Cotton or cotton/synthetic overalls are normally suitable.

9.) PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE -	Free flowing liquid
P/H -	12-14
FLASH POINT -	none
VISCOSITY -	2.6-3.0poise
SPECIFIC GRAVITY -	1.04
VAPOUR DENSITY -	Heavier than air
LOWER EXPLOSIVE LIMIT -	N/A
SOLUBILITY IN WATER -	Miscible

10.) STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions. (See stable under the recommended storage and handling conditions, section 7.) In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, oxides of nitrogen and sulphur dioxide may be produced. Keep away from oxidising agents.

11.) TOXICOLOGY INFORMATION

There is no data available for the product itself. Splashes in the eyes may cause irritation and reversible local damage.

12.) ECOLOGICAL INFORMATION

There is no data available for this product itself. The undiluted product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. The air pollution control requirements of regulations made under the environmental protection act may apply to the use of this product.

13.) DISPOSAL CONSIDERATIONS

Do not allow diluted concentrate into drains or water courses or dispose of where ground or surface waters may not be affected. Wastes, including emptied containers, should be disposed of in accordance with regulations made under the control of pollution act and Environmental Protection act. (Using information provided in this data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply.)

14.) TRANSPORT INFORMATION

This product is not classified as dangerous for carriage.

15.) REGULATORY INFORMATION

The product is determined as not being dangerous according to the requirements of the chemicals (Hazardous Information & Packaging) regulations. The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control Of Substances Hazardous to Health regulations apply to the use of this product at work.

16.) OTHER INFORMATION

The product should not be used for purposes other than those shown in section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The following is a non-exhaustive list of sources of information which can be used by compilers of safety data sheets and/or can be referred to in the sheet for end users. It should be noted that in parts of the U.K., eg. Northern Ireland, other parallel legislation may apply. Where known, references are given. Unless otherwise stated all publications are available from HMSO (see appendix 83)