

MATERIAL SAFETY DATA SHEET

Superforce

IDENTIFICATION

PRODUCT NAME	SUPERFORCE
USE	CLEANER/DEGREASER
PRODUCT IDENTIFICATION	HEAVY DUTY FLOOR CLEANER/DEGREASER
UN No.	1824
DANGEROUS GOODS CLASS & SUBSID. RISK	R35
HAZCHEM CODE	2R
POISONS SCHEDULE No	S6

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE	THIN RED COLOURED LIQUID
ODOUR	AMMONIA ODOUR
BOILING POINT / MELTING POINT	-
VAPOUR PRESSURE	-
SOLUBILITY	READILY WATER MISCIBLE
SPECIFIC GRAVITY	APPROX 1.1
FLASHPOINT	-
FLAMMABILITY LIMITS	-
pH	13
pH on 1% solution	11

CHEMICAL COMPONENTS

COMPONENT	C.A.S NUMBER	PROPORTION %
SODIUM HYDROXIDE	1310-73-2	< 10%
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	< 6%
SODIUM LAURYL ETHER SULPHATE	13150-00-0	< 3%
AMMONIUM HYDROXIDE	-	< 1%
WATER, MINOR INGREDIENTS & OTHER		
NON-HAZARDOUS MATERIALS		TO 100%



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THIS IS A COMMERCIAL PRODUCT AND THE EXACT RATIO OF COMPONENTS MAY VARY. TRACE QUANTITIES OF IMPURITIES ARE ALSO POSSIBLE.

HEALTH HAZARD INFORMATION

EYE	RISK OF SERIOUS DAMAGE TO EYES – CORNEAL BURNS
SKIN	CAUSES SEVERE BURNS
INHALED	CAN RESULT IN RESPIRATORY IRRITATION AND HARMFUL CORROSIVE EFFECTS
SWALLOWED	INGESTION CAN RESULT IN PAIN, NAUSEA, VOMITING AND CORROSIVE DAMAGE TO THE GASTRO INTESTINAL TRACT

FIRST AID

EYE	IMMEDIATELY IRRIGATE WITH PLENTY OF WATER FOR 15 MNTS. AND SEEK MEDICAL ASSISTANCE
SKIN	IMMEDIATELY WASH AFFECTED SKIN WITH PLENTY OF WATER AFTER REMOVING CONTAMINATED CLOTHING. IF BLISTERING OR SWELLING OCCURS, SEEK MEDICAL ADVICE
INHALED	REMOVE VICTIM FROM EXPOSURE. SEEK MEDICAL ADVICE IF EFFECTS PERSIST
SWALLOWED	IMMEDIATELY RINSE MOUTH WITH WATER. GIVE WATER TO DRINK. DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FURTHER WATER. SEEK MEDICAL ADVICE
FIRST AID FACILITIES	EYE BATH, DRINKING WATER AND WATER FOR WASHING DOWN
ADVICE TO DOCTOR	TREAT AS FOR STRONGLY ALKALINE CORROSIVE MATERIAL

PRECAUTIONS FOR USE

EXPOSURE STANDARDS	CURRENT KNOWLEDGE INDICATES THIS SHOULD NOT IMPAIR THE HEALTH OF, NOR CAUSE UNDUE DISCOMFORT TO WORKERS
ENGINEERING CONTROLS	ENSURE REASONABLE VENTILATION AND KEEP CONTAINERS CLOSED
<i>PERSONAL PROTECTION:</i>	AVOID CONTACT WITH SKIN. USE OVERALLS, BOOTS, GLOVES
EYE/FACE PROTECTION	GOGGLES/FACE SHIELD
VENTILATION	ENSURE REASONABLE VENTILLATION
FLAMMABILITY	NON-COMBUSTIBLE

SAFETY HANDLING INFORMATION

STORAGE AND TRANSPORT STORE IN A COOL PLACE AWAY FROM DIRECT SUNLIGHT, AWAY FROM ACIDS, OXIDISING AGENTS, FOODSTUFFS

SPILLS AND DISPOSAL CLEAN UP IMMEDIATELY, WEARING PROTECTIVE GEAR AND WASH AREA WITH WATER. RESIDUE AND ABSORBENTS TO BE DISPOSED OF BY LICENSED CONTRACTOR

FIRE & EXPLOSION HAZARD NOT COMBUSTIBLE

DISCLAIMER

- A) This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. The information is meant to describe Safety Requirements of the product and should not be construed as guaranteeing specific properties. This MSDS is analogous to the data for the principal components of the mixture/compound. No warranty, express or implied, is made as to its accuracy, reliability or completeness.
- B) Each user should read this MSDS, all product labels, and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.
- C) We can not accept any liability for any damage or injury caused by the product as it is sold and its use, handling and storage are completely out of our control.

APPENDIX 1 - INFORMATION SOURCES

1. HAZARD CLASSIFICATION (SEE ALSO CARCINOGENS)

List of Designated Hazardous Substances

NOHSC (National Occupational Health & Safety Commission).

A database of the more common hazardous substances, which provides guidance on the appropriate Risk and Safety information for the MSDS.

2. NOHSC CODES OF PRACTICE

The following codes of practice provide useful information on hazardous substances and Dangerous Goods.

Hazardous Substances

National Code of Practice for the Control of Workplace Hazardous Substances [NOHSC:2007(1994)].

3. AUSTRALIAN STANDARDS

The Australian Standards for the following classes of Dangerous Goods form an important part of the Dangerous Goods framework and contain useful guidance for the control of the hazards associated with these classes of Dangerous Goods.

Class 2 - Gases

AS/NZS 1596 The storage and handling of LP gas.

AS 1894 Code of practice for the safe handling of cryogenic fluids.

AS 2022 SAA anhydrous ammonia code.

AS 2927 The storage and handling of liquefied chlorine gas.

AS 3961 Liquefied natural gas – storage and handling.

AS 4332 Storage and handling of gases in cylinders.

Class 3 - Flammable and Combustible Liquids

AS 1940 The storage and handling of flammable and combustible liquids.

Class 5 - Oxidizing Agents and Organic Peroxides

AS 2714 The storage and handling of hazardous chemical materials - Class 5.2 substances (organic peroxides).

AS 4326 The storage and handling of oxidising agents.

Class 6 - Toxic Substances

AS/NZS 4452 The storage and handling of toxic substances.

AS 4081 The storage, handling and transport of liquid and liquefied polyfunctional isocyanates.



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Class 8 - Corrosive Substances

AS 3780 The storage and handling of corrosive substances.

Class 9 - Miscellaneous

AS/NZS 4681 The storage and handling of Class 9 (miscellaneous) Dangerous Goods and articles.

Mixed Classes

AS/NZS 3833 The storage and handling of mixed classes of Dangerous Goods in packages and intermediate bulk containers.

Subscription details at: <<http://www.standards.com.au>>

4. EXPOSURE STANDARDS

Exposure Standards for Atmospheric Contaminants in the Occupational Environment.

Exposure Standards Database.

NOHSC (National Occupational Health & Safety Commission).

The Exposure Standards database is a searchable database providing the airborne concentrations of individual chemical substances, which according to current knowledge should neither, impair the health of, nor cause undue discomfort to, nearly all workers. The exposure standards serve as guides only.

5. PERSONAL PROTECTIVE EQUIPMENT

HAZARDTEXT

Micromedex.

HAZARDTEXT information to assist with the management of hazardous chemical incidents such as spills or leaks - toxicity, fire and explosion data, chemical reactivity, personal protective equipment and disposal guidelines. A good source of information on personal protective equipment.

Subscription details at: <<http://www.micromedex.com>>

Hazardous substances, chemical spills, emergency procedures, and personal protective equipment.

6. TOXICITY REVIEWS

The following sources provide full text reviews of the toxicity of chemical substances. Environmental Health Criteria

International Programme on Chemical Safety.

These criteria are reviews of environmental and toxicological literature on chemicals and physical agents published as a joint venture of the United Nations Environment Programme, the International Labour Organization and the World Health Organisation.

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