

MATERIAL SAFETY DATA SHEET

T M DESCALER

SECTION 1. – STATEMENT OF HAZARDOUS NATURE CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

This product is classified as:

1. HAZARDOUS according to criteria of the National Occupational Health and Safety Commission

CARPET CLEANERS WAREHOUSE
UNIT 1
3 Sutherland Street
Granville, NSW 2142

EMERGENCY TELEPHONE NUMBER
1 800 68 68 69 (AUSTRALIA)

Substance

Trade Names/

T M DESCALER

Product Use

CARPET MACHINE DESCALER

Creation Date

March 25, 2004

Revision Date

March 25, 2007

SECTION 2. – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	C A S No	PROPORTION
PHOSPHONIC ACID, SODIUM SALT	6419-19-8	LESS THAN 15%
TETRASODIUM EDTA	64-02-8	LESS THAN 5%
WATER	7732-18-5	GREATER THAN 80%

SECTION 3. – HAZARDOUS IDENTIFICATION

**Approved
Criteria
Classification
(Calculated)**

IRRITANT R36/38
Safety Phrases: S(1/2), S24/25, S26, S27

**ADG
Classification**

NONE

**SUSDP
Classification**

NONE

UN Number

NONE

EMERGENCY OVERVIEW

Colour

CLEAR, COLOURLESS

**Physical
Description**

LIQUID

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SECTION 3. – HAZARDOUS IDENTIFICATION (cont.)

Odour	SLIGHT, AMMONIA-LIKE
Major Health Hazards	EYE IRRITATION, SKIN IRRITATION

POTENTIAL HEALTH EFFECTS

INHALATION

Short term Exposure	NONE
Long term Exposure	Irritation, slight nausea

SKIN CONTACT

Short term Exposure	Slight irritation
Long term Exposure	Slight irritation

EYE CONTACT

Short term Exposure	Slight irritation
Long term Exposure	Moderate irritation

INGESTION

Short term Exposure	Gastrointestinal irritation
Long term Exposure	As for short term exposure

CARCINOGEN STATUS

NOHSC	Not classified
NTP	None
IARC	None

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SECTION 4. – FIRST AID MEASURES

Scheduled Poisons	None
Inhalation	N/A
Skin Contact	Remove contaminated clothing immediately. Wash affected area with soap and water. Wash clothing before reuse. Seek medical attention if required.
Eye Contact	Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids until no evidence of chemical remains. Seek medical attention if irritation occurs. Note to physician: NONE
Ingestion	Seek medical attention.

SECTION 5. – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Fire: Not combustible Explosion: Closed containers exposed to heat may explode.
Extinguishing Media	Use media appropriate to primary course of fire.
Flash point	None

SECTION 6. – ACCIDENTAL RELEASE MEASURES

Occupational Release	Stop leak if possible. Absorb with inert material. Collect in appropriate container and hold for disposal.
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SECTION 7. – HANDLING AND STORAGE

Storage	Store in cool, dry place and out of direct sunlight. Store away from halogens, oxidizers and food stuffs. Keep container closed at all times.
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SECTION 8. – EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Limits	None Established
Ventilation	Based on available information, additional ventilation is not required.
Eye Protection	Safety glasses or goggles should be worn.
Skin Protection	Wear impervious gloves if necessary to prevent skin contact.
Protective Material Types	Butyl Rubber, Natural latex, Neoprene, PVC and Nitrile are all suitable
Respirator	No respirator is required under normal conditions of use.

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SECTION 9. – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Clear, Colourless
Odour	Slight, Ammonia-like
Boiling Point	Near 100° C
Freezing Point	Near 0° C
Vapour Pressure	Not Determined
Vapour Density	Not Determined
Specific Gravity	1.1 (water = 1)
Water Solubility	Soluble
Ph	7.5 ± 0.5
Volatility	Not available
Odour Threshold	Not available
Evaporation Rate	Not determined
Coefficient of Water / Oil Distribution	Not available

SECTION 10. – STABILITY AND REACTIVITY

Reactivity	Stable at normal pressures and temperatures.
Conditions to Avoid	Avoid contact with incompatible materials
Incompatibilities	Oxidizing materials, halogens.
Hazard Decomposition	Thermal decomposition products include oxides of carbon and nitrogen.
Polymerization	Will not polymerize

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SECTION 11. – TOXICOLOGICAL INFORMATION

Local Effects Irritation: skin, eyes, ingestion

Target Organs Skin

Classification of Hazardous Ingredients

Ingredients **R Phrases**

Tetrasodium EDTA R 36/38

Phosphonic Acid, Tetrasodium salt R 36/38

Individual Ingredient Information

Tetrasodium EDTA

Irritation Data Slightly irritating to skin and eyes

Toxicity Data LD-50 (rat - oral): 3030 mg/kg
LD-50 (rabbit - dermal): >5,000 mg/kg

Local Effects Irritant: eye, skin,

Acute Toxicity Level Slightly Toxic: ingestion

Target Organs None

SECTION 12. – ECOLOGICAL INFORMATION

Not Available
No single ingredient (over 1%) recognized as environmental pollutant.

SECTION 13. – DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulations.

SECTION 14. – TRANSPORTATION INFORMATION

ADG Code

HAZCHEM Code None

Special Provision None

Packaging Group None

Packaging Method None

SECTION 15. – REGULATORY INFORMATION

All ingredients present on AICS

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SECTION 16. – OTHER INFORMATION

Labeling	R 36/38 Irritating to eyes and skin
Details	S 1/2 Keep locked up and out of reach of children
	S 26 In case of contact with eyes, rinse immediately with water and seek medical advice
	S 27 Take off immediately all contaminated clothing
Acronyms	SUSDP Standard for the Uniform Scheduling of Drugs and Poisons
	ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail
	N.O.S. Not Otherwise Specified
	CAS Chemical Abstracts Service Registry Number
	UN Number United Nations Number
	R-Phrases Risk Phrases
	HAZCHEM Number An emergency action code of numbers and letters which gives information to emergency services.
	NOHSC National Occupational Health and Safety Commission
	NTP National Toxicology Program (USA)
	IARC International Agency for Research on Cancer
	AICS Australian Inventory of Chemical Substances