

ANNEXURE 1

REVISION 2

MATERIAL SAFETY DATA SHEET

NO: 2
DATE ISSUED: 20/11/2008
PAGE: 1 OF 6

NAME: CAPE CARE EMERGENCY TEL NO: (021) 511 2100

ADDRESS: 40 Neptune Street
Paarden Eiland

TEL: (021) 511 2100 FAX: (021) 511 2200

1 PRODUCT AND COMPANY IDENTIFICATION: (Page 1 may be used as an emergency safety sheet)

Trade name:	Ultracid	Chemical Abstract-no:	N/A
Chemical family:	Stainless Steel Rust Remover	NIOSH-no:	N/A
Chemical name:		Hazchem-code:	Group II/III
Synonyms:		UN-no:	N/A

2 Composition:

Hazardous components: 1/ Phosphoric Acid 2/ Other Acids

EEC- classification: Non European Standard

R-Phrases: 1/ R34 2/ R8, R35

3 Hazards Identification:

Main Hazard: Eyes, Inhaled, Skin, Ingestion

Flammability: None

Chemical hazard: Not explosive or flammable

Biological hazard: None

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3 HAZARDOUS IDENTIFICATION: (continue)	
EYE EFFECTS: EYES: HEALTH EFFECTS - SKIN: HEALTH EFFECTS - INGESTION: HEALTH EFFECTS - INHALATION: CARCINOGENICITY: MUTAGENICITY: NEUROTOXICITY:	Irritant Corrosive Corrosive Mildly Toxic. May cause nausea and vomiting. Severe burning of mouth and throat. None None None
4 FIRST AID MEASURES:	
PRODUCT IN EYE: PRODUCT ON SKIN: PRODUCT INGESTED: PRODUCT INHALED:	Flushing eyes with clean water for 15 minutes, hold eye lids open while washing, seek medical attention if required. Remove contaminated clothing. Wash thoroughly with soap and water. If swallowed seek medical attention immediately and show container or label. Remove patient to fresh air.
5 FIRE FIGHTING MEASURES:	
EXTINGUISHING MEDIA: SPECIAL HAZARDS: PROTECTIVE CLOTHING:	Dry chemical, water, CO2 None Wear full protective clothing.
6 ACCIDENTAL RELEASE MEASURES:	
PERSONAL PRECAUTIONS: ENVIRONMENTAL PRECAUTIONS: SMALL SPILLS: LARGE SPILLS:	Wear protective clothing. Flush with large volumes of water. Flush to drain with large quantities of water. Neutralize with alkali - soda ash or Sodium Bicarbonate. Cover with suitable absorbent material - Sawdust and place in suitable containers for disposal.

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7 HANDLING AND STORAGE:	
SUITABLE:	HDPE plastic container
HANDLING / STORAGE PRECAUTIONS:	Store in cool dry place, below 30 deg C, out of sunlight, away from reactive materials/chemicals.
8 EXPOSURE CONTROLS / PERSONAL PROTECTION:	
OCCUPATIONAL EXPOSURE LIMITS:	None determined.
ENGINEERING CONTROL MEASURES:	N/A
PERSONAL PROTECTION - REPIRATORY:	None
PERSONAL PROTECTION - HAND:	Use of gloves recommended.
PERSONAL PROTECTION - EYE:	Protective glasses recommended.
PERSONAL PROTECTION - SKIN:	Use of gloves recommended.
OTHER PROTECTION:	All chemicals should be considered hazardous and keep away from children.
9 PHYSICAL AND CHEMICAL PROPERTIES:	
APPEARANCE:	Clear, white liquid
ODOUR:	Odourless
Ph:	1 to 2
BOILING POINT:	> 100 degrees C
MELTING POINT:	N/A
FLASH POINT:	N/A
FLAMMABILITY:	N/A
AUTOFLAMMIBILITY:	N/A

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9 PHYSICAL AND CHEMICAL PROPERTIES: (CONTINUE)	
VAPOR PRESSURE:	N/A
DENSITY:	1.2
SOLUBILITY - WATER:	Soluble
SOLUBILITY - SOLVENT:	Slight
SOLUBILITY - COEFFICIENT:	N/A
NEUROTOXICITY:	N/A
10 STABILITY AND REACTIVITY:	
CONDITIONS TO AVOID:	Reacts with alkalis with release of heat.
INCOMPATIBLE MATERIALS:	Strong oxidizing agent like chlorine.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Mono - Oxide and Nitrogen Oxides
11 TOXICOLOGICAL INFORMATION:	
ACUTE TOXICITY:	Product is corrosive to all tissues.
SKIN AND EYE CONTACT:	May cause irritation, scarring may result.
CHRONIC TOXICITY:	N/A
CARCINOGENICITY:	N/A
MUTAGENICITY:	N/A
REPRODUCTIVE HAZARDS:	N/A
12 ECOLOGICAL INFORMATION:	
AQUATIC TOXICITY - FISH:	Toxic to aquatic life.
AQUATIC TOXICITY - DAPHNIA:	Not determined
AQUATIC TOXICITY - ALGAE:	Not determined

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12 ECOLOGICAL INFORMATION : (CONTINUE)

BIO-ACCUMULATION: If used to manufacturers instruction no Bio -
acculation will occur.
MOBILITY: Product is biodegradeable.
GERMAN WGK: N/A

13 DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Dispose in accordance to local Governmental
regulations.
DISPOSAL OF PACKAGING: Puncture container & recycling is recommended.

14 TRANSPORT INFORMATION:

UN - NO: N/A
SUBSTANCE IDENTITY NO: N/A
ADR / RID CLASS: N/A
ADR / RID ITEMS NO: N/A
IMDG - SHIPPING NAME: N/A
IMDG - CLASS: N/A
IMDG - PACKAGING GROUP: N/A
IMDG - MARINE POLLUTANT: N/A
IMDG - EMS - NO: N/A
IMDG-MFAG-TABLE NO: N/A
IATA - SHIPPING NAME: N/A
IATA - CLASS: N/A

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14 TRANSPORT INFORMATION: (CONTINUE)	
ADNR - CLASS:	N/A
UK - DESCRIPTION:	N/A
UK - EMERGENCY ACTION CLASS:	N/A
TREMCCARD NO:	N/A
15 REGULATORY INFORMATION:	
EEC - HAZARD CLASSIFICATION:	N/A
RISK PHASES:	R21/22 ; R34; R41
SAFETY PHASES:	S7, S13, S16, S24, S25, S27, S28,S36
NATIONAL LEGISLATION:	N/A
16 OTHER INFORMATION:	
1. ALWAYS USE PRODUCT ACCORDING TO MANUFACTURERS INSTRUCTIONS	

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