

MATERIAL SAFETY DATA SHEET

RUST REMOVER

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SECTION I: PRODUCT INFORMATION

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TRADE NAME: RUST REMOVER
SUPPLIER/MANUFACTURER: Hunnisett Chemicals Limited, 200 Wicksteed Avenue, Toronto, Ontario M4G 2B6 (416) 421-5212
PREPARATION DATE: June 1, 2005
PRODUCT USE: Carpet Spotter
PRODUCT IDENTITY: Acid

CLASS D2B

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SECTION II: HAZARDOUS INGREDIENTS

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CHEMICAL IDENTITY: Oxalic Acid CAS# / NA# / UN#: 144-62-7 CONC. (W/W): 7 - 13 %
ACGIH TLV: ACGIH TLV 1 mg / cu.M TOXICITY: LD50 oral, rat 375 mg / kg

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SECTION III: PHYSICAL DATA

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PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Water white - practically no odor
ODOR THRESHOLD: None known SPECIFIC GRAVITY: 1.0
VAPOR PRESSURE: Same as water VAPOR DENSITY: 0.6
EVAPORATION RATE: Not determined BOILING POINT: Approx. 100 degrees C
FREEZING POINT: Not determined pH: Acidic
COEFFICIENT OF WATER/OIL DISTRIBUTION: Miscible WATER SOLUBILITY: 100%

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SECTION IV: FIRE AND EXPLOSION DATA

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CONDITIONS OF FLAMMABILITY:
(a) Not Flammable
(b)
MEANS OF EXTINCTION: CO2, water
FLASHPOINT & METHOD OF DETERMINATION: None
UPPER FLAMMABLE LIMIT: None
LOWER FLAMMABLE LIMIT: None
AUTO-IGNITION TEMPERATURE: None
HAZARDOUS COMBUSTION PRODUCTS: None known
EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT: Not sensitive
EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE: Not sensitive

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SECTION V: REACTIVITY DATA

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CONDITION UNDER WHICH THE PRODUCT IS CHEMICALLY UNSTABLE: Partially decomposes at 66 degrees C.
NAME OF ANY SUBSTANCE OR CLASS OF
SUBSTANCE WITH WHICH THE PRODUCT IS INCOMPATIBLE: Strong oxidizers, silver, sodium chlorite
CONDITIONS OF REACTIVITY: None known
HAZARDOUS DECOMPOSITION PRODUCTS: At 66 degrees C, forms CO2, formic acid.

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SECTION VI: TOXICOLOGICAL PROPERTIES

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ROUTE OF ENTRY:
SKIN CONTACT: Irritating
SKIN ABSORPTION: Irritating
EYE CONTACT: Irritant, corneal burns, conjunctivitis
INHALATION: May be irritating
INGESTION: Irritative and corrosive
EFFECTS OF ACUTE EXPOSURE TO PRODUCT: None known
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: None known
EXPOSURE LIMITS: None known
IRRITANCY OF PRODUCT: Eyes, ingestion - See above
SENSITIZATION TO PRODUCT: None known
CARCINOGENICITY: None known
REPRODUCTIVE TOXICITY: None known
TERATOGENICITY: None known
MUTAGENICITY: None known
NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

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**SECTION VII: PREVENTATIVE MEASURES**

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PERSONAL PROTECTIVE EQUIPMENT: Rubber gloves, safety glasses  
ENGINEERING CONTROLS: Adequate ventilation, avoid inhaling mist  
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Neutralize with alkali and mop up  
WASTE DISPOSAL: In accordance with Municipal and Provincial regulations.  
HANDLING PROCEDURES AND EQUIPMENT: Normal  
STORAGE REQUIREMENTS: Normal  
SPECIAL SHIPPING INFORMATION: None

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**SECTION VIII: FIRST AID MEASURES**

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IN CASE OF EYE CONTACT: Flush with water. Consult physician.  
IN CASE OF SKIN CONTACT: Flush with water.  
IF INHALED: Drink milk. Seek medical attention.  
IF INGESTED: Obtain medical attention. Drink large amounts of milk.  
PHYSICIAN: Danger from lung aspiration must be weighed against toxicity when considering emptying stomach.

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**SPECIAL PRECAUTIONS**

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One should always use chemicals with awareness of potential hazards, known and unknown, and their effect on the human - system. We urge users to minimize employee exposure to all chemicals, including this product and to keep the level of exposure commensurate with good industrial hygiene practices.

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**PREPARATION INFORMATION**

PREPARED BY: Hunnisett Chemicals Ltd. PHONE NUMBER: (416) 421-5212  
**24 HOUR EMERGENCY NUMBER: CANUTEC 1-613-996-6666**

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**DISCLAIMER OF LIABILITY**

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim all expressed or implied warranties of merchantability or of liability from the use of this product. the information contained herein, as of this date, is believed to be true and accurate, but it is the user's obligation to study the MSDS and determine the conditions for the safe use of this product.

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