

MATERIAL SAFETY DATA SHEET

PRO LINK RUST REMOVER

SECTION I: PRODUCT INFORMATION

TRADE NAME: PRO-LINK RUST REMOVER
SUPPLIER/MANUFACTURER: Hunnisett Chemicals Limited, 200 Wicksteed Avenue, Toronto, Ontario M4G 2B6 (416) 421-5212
PREPARATION DATE: July 1, 2008
PRODUCT USE: CARPET SPOTTER
PRODUCT IDENTITY: MIXTURE
CLASS D2B

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: Ammonium Bifluoride CAS# / NA# / UN#: 1341-49-7 CONC. (W/W): 10 - 30%
OSHA PEL 2.5 mg/m3 ACGH TLV 2.5 mg/m3 TOXICITY (LD50 & LC50): Not known

SECTION III: PHYSICAL DATA

PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Clear, colourless liquid - pungent
ODOR THRESHOLD: N/E SPECIFIC GRAVITY: 1.06
VAPOR PRESSURE: N/A VAPOR DENSITY: N/A
EVAPORATION RATE: <1 BOILING POINT: 100'C
FREEZING POINT: N/E pH: N/E
COEFFICIENT OF WATER/OIL DISTRIBUTION: N/A WATER SOLUBILITY: 100% miscible

SECTION IV: FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY:
(a) NOT FLAMMABLE
MEANS OF EXTINCTION: N/A
FLASHPOINT & METHOD OF DETERMINATION: N/A
UPPER FLAMMABLE LIMIT: N/A
LOWER FLAMMABLE LIMIT: N/A
AUTO-IGNITION TEMPERATURE: N/A
HAZARDOUS COMBUSTION PRODUCTS: None known
EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT: Not sensitive.
EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE: Not sensitive.

SECTION V: REACTIVITY DATA

CONDITION UNDER WHICH THE PRODUCT IS CHEMICALLY UNSTABLE: Stable
NAME OF ANY SUBSTANCE OR CLASS OF
SUBSTANCE WITH WHICH THE PRODUCT IS INCOMPATIBLE: Potassium chlorate, Chlorine cyanides, sulfides, Sulfur oxides, Ammonia,
Hydrogen flouride.
CONDITIONS OF REACTIVITY: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrofluoric acid and ammonia.

SECTION VI: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:
SKIN CONTACT: Severe irritation
SKIN ABSORPTION: N/E
EYE CONTACT: Severe irritation
INHALATION: May cause irritation of the upper respiratory tract
INGESTION: Corrosion of the mouth, abdominal discomfort, nausea and diarrhea.

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: None known
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: None known
EXPOSURE LIMITS: N/E
IRRITANCY OF PRODUCT: See above
SENSITIZATION TO PRODUCT: N/E
CARCINOGENICITY: N/A
REPRODUCTIVE TOXICITY: N/E
TERATOGENICITY: N/A
MUTAGENICITY: N/A
NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

SECTION VII: PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Recommend neoprene/ rubber gloves and safety glasses
ENGINEERING CONTROLS: Mechanical exhaust acceptable
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Use diatomaceous earth to absorb product
WASTE DISPOSAL: Do not allow product to enter sewers. Dispose following Municipal or Provincial regulations.
HANDLING PROCEDURES AND EQUIPMENT: Poison – handles with care
STORAGE REQUIREMENTS: Store in a cool dry place.
SPECIAL SHIPPING INFORMATION: Hydrogen difluorides, N.O.S., Solution, Ammonium Bifluoride Class 6 UN 1740 Packing Group II

SECTION VIII: FIRST AID MEASURES

IN CASE OF EYE CONTACT: Flush with water for 15 mins Contact a physician immediately.
IN CASE OF SKIN CONTACT: Thoroughly wash skin with soap and water and remove contaminated clothing.
IF INHALED: Remove to fresh air
IF INGESTED: Do not induce vomiting. Drink 2-3 glasses of water and contact a physician
PHYSICIAN: Treatment based on a physician's judgement

SPECIAL PRECAUTIONS

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.

PREPARATION INFORMATION

PREPARED BY: J. M. Profit
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PHONE NUMBER: (416) 421-5212
DATE March 1, 1999
REVISED: August 1, 1999

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.
