

Material Safety Data Sheet



SUPER RUST & SCALE REMOVER- DRY

SECTION I - IDENTIFICATION

MANUFACTURER'S NAME **Haviland Consumer Products Incorporated**
MANUFACTURER'S ADDRESS 421 Ann St., N.W., Grand Rapids, MI 49504
PHONE NUMBER (616) 361-6691
EMERGENCY PHONE NUMBER CHEMTREC (800) 424-9300
EFFECTIVE DATE 1/4/00
TRADE NAME **SUPER RUST & SCALE REMOVER- DRY**
CHEMICAL FAMILY Chelating Agent

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	OSHA PEL	TLV (Units)	CAS NUMBER
EDTA Na4	Not Established	TLV	64-02-8

SECTION III - PHYSICAL DATA

BOILING POINT Not Applicable
FREEZING POINT No Information Available
VAPOUR PRESSURE Not Applicable
VAPOUR DENSITY (air=1) Not Applicable
SOLUBILITY IN H2O Approximately 50%
ODOUR AND APPEARANCE White Crystalline Solid; No Odor
SPECIFIC GRAVITY Not Applicable
pH 1% solution - 10.5 to 11.5

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT AND METHOD OF DETERMINATION Not Flammable
LOWER EXPLOSIVE LIMIT (% by Volume) Not Applicable
UPPER EXPLOSIVE LIMIT (% by Volume) Not Applicable
MEANS OF EXTINCTION Water, CO2, dry chemical, or foam.
SPECIAL FIRE FIGHTING PROCEDURES Product does not burn, it decomposes. Use self contained breathing apparatus in confined areas.
UNUSUAL FIRE HAZARD Under high dust concentrations an explosive condition may exist.
Water solutions of product readily generate hydrogen gas in contact w/ light metals (Al & Zn).

Material Safety Data Sheet

SECTION V - HEALTH HAZARD DATA

CARCINOGENICITY, REPRODUCTIVE EFFECTS None
NTP? No
IARC MONOGRAPHS? No
OVER EXPOSURE EFFECTS Possible Irritation of Skin and Eyes
PRIMARY ROUTE(S) OF ENTRY Eye and Skin Contact
SPECIFIC FIRST AID PROCEDURES In case of contact: Immediately flush eyes and skin with plenty of water for at least 15 minutes. Get medical attention. Ingestion: Do not induce vomiting. Call a Physician Immediately. Inhalation: Move to fresh air. Use mouth to mouth CPR if necessary. Get medical attention. Wash contaminated clothing before reuse.
EXPOSURE AGGRAVATED MEDICAL CONDITIONS Preexisting lung and skin conditions.

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY Stable
CONDITIONS TO AVOID Avoid creating high concentrations of dust that could ignite upon exposure to open flame.
INCOMPATIBLE MATERIALS None
HAZARDOUS DECOMPOSITION PRODUCTS Carbon dioxide, carbon monoxide, nitrogen oxides.
HAZARDOUS POLYMERIZATION Will Not Occur
POLYMERIZATION AVOID Not Applicable

SECTION VII - SPILL OR LEAK PROCEDURE

LEAK AND SPILL PROCEDURES Wear protective clothing. Control dust concentration while cleaning up by sweeping, shovel up into a container. Avoid creating explosive concentrations of dust. Reuse material or place in labeled waste container. Flush spill area with plenty of water. WET POWDERS ARE EXTREMELY SLIPPERY.
WASTE DISPOSAL Dispose in an approved chemical waste landfill in accordance with applicable federal, state and local regulations.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION Use a dust mask when dust is excessive.
VENTILATION To maintain low dust concentration.
PROTECTIVE GLOVES Rubber or Plastic
EYE PROTECTION Chemical splash goggles or face shield.
OTHER PROTECTIVE EQUIPMENT A safety shower and eye bath should be available.
HANDLING PROCEDURES AND EQUIPMENT Store in cool, dry place. Keep container closed when not in use. Emptied containers retain product residues.

SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS None
DOT SHIPPING NAME NOT REGULATED
UN NUMBER NR
REPORTABLE QUANTITY (RQ) Not Listed

Material Safety Data Sheet

REFERENCES

HMIS: H-1,F-1,R-0,PPE-E ZZ2SR&SD