

# 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