

Material Safety Data Sheet



POWDERED SCALE AND RUST

SECTION I - IDENTIFICATION

MANUFACTURER'S NAMEHaviland Products Company
MANUFACTURER'S ADDRESS421 Ann St., NW, Grand Rapids, MI 49504
PHONE NUMBER..... (616) 361-6691
EMERGENCY PHONE NUMBERCHEMTREC (800) 424-9300
EFFECTIVE DATE.....8/4/04
TRADE NAME.....**POWDERED SCALE AND RUST**
CHEMICAL FAMILY.....Chelating Agent

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	OSHA PEL	TLV (Units)	CAS NUMBER
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SECTION III - PHYSICAL DATA

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

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT AND METHOD OF DETERMINATIONNot Flammable
LOWER EXPLOSIVE LIMIT (% by Volume)Not Applicable
UPPER EXPLOSIVE LIMIT (% by Volume)Not Applicable
MEANS OF EXTINCTION.....As for Surrounding Fires
SPECIAL FIRE FIGHTING PROCEDURESUse self contained breathing apparatus in confined areas.
UNUSUAL FIRE HAZARD.....Under certain conditions can form explosive mixtures when suspended in air.

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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 with plenty of water for at least 15 minutes. Get medical attention. Ingestion: Do not induce vomiting. Call a Physician Immediately. For Skin: Thoroughly flush skin with plenty of water and wash contaminated clothes before reuse.
EXPOSURE AGGRAVATED MEDICAL CONDITIONS None Currently Known

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY Stable
CONDITIONS TO AVOID Avoid creating explosive concentrations of dust.
INCOMPATIBLE MATERIALS Strong oxidizing agents.
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 Clean up by sweeping up, shoveling up or by using explosion-proof vacuum equipment. 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 None required under normal use.
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. 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

REFERENCES

HMIS: H-2,F-1,R-0 PSCALRST