

Material Safety Data Sheet



SUPER FALL OUT

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 1/3/00
TRADE NAME **SUPER FALL OUT**
CHEMICAL FAMILY Inorganic Salt

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	OSHA PEL	TLV (Units)	CAS NUMBER
Polyaluminum Chloride	2 mg/m3 TWA (as Al)	2 mg/m3 TWA (as Al)	1327-41-9

SECTION III - PHYSICAL DATA

BOILING POINT 220oF
FREEZING POINT Not Available
VAPOUR PRESSURE <20 mm Hg 60oF
VAPOUR DENSITY (air=1) Not Available
SOLUBILITY IN H2O Completely
ODOUR AND APPEARANCE Clear, Purple Liquid; Mild, Characteristic Odor
SPECIFIC GRAVITY 1.2
pH Not Established

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT AND METHOD OF DETERMINATION Will Not Burn
LOWER EXPLOSIVE LIMIT (% by Volume) Not Applicable
UPPER EXPLOSIVE LIMIT (% by Volume) Not Applicable
MEANS OF EXTINCTION As for Surrounding Fires
SPECIAL FIRE FIGHTING PROCEDURES Exercise caution when fighting any chemical fire. A self-contained breathing apparatus and protective clothing are essential.
UNUSUAL FIRE HAZARD Contact with metals may produce flammable hydrogen gas.

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SECTION V - HEALTH HAZARD DATA

CARCINOGENICITY, REPRODUCTIVE EFFECTS None
NTP? No
IARC MONOGRAPHS? No
OVER EXPOSURE EFFECTS Irritation, rash, tearing, blurring of vision, nausea.
PRIMARY ROUTE(S) OF ENTRY Skin Contact
SPECIFIC FIRST AID PROCEDURES In case of contact: Flush immediately with plenty of water for at least 15 minutes and for eyes, get medical attention. Ingestion: Do not induce vomiting. Call a Physician Immediately. If inhaled: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.
EXPOSURE AGGRAVATED MEDICAL CONDITIONS None Currently Known

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY Stable
CONDITIONS TO AVOID Not Applicable
INCOMPATIBLE MATERIALS Strong bases
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, hydrogen chloride, ammonia, and/or nitrogen oxides.
HAZARDOUS POLYMERIZATION Will Not Occur
POLYMERIZATION AVOID Not Applicable

SECTION VII - SPILL OR LEAK PROCEDURE

LEAK AND SPILL PROCEDURES Wearing appropriate personal protective equipment, contain spill, collect onto inert absorbent and place into suitable container. Hose spill area well since product can make floor slippery.
WASTE DISPOSAL Contain spill, collect onto inert absorbent and place into suitable container. Hose spill area well since product can make floors slippery. Dispose of in accordance with all federal, state and local regulations.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION None required for normal use.
VENTILATION Not required for normal use.
PROTECTIVE GLOVES Rubber or other impervious materials.
EYE PROTECTION Splash proof chemical goggles.
OTHER PROTECTIVE EQUIPMENT For operations where spills or splashing may occur, use an impervious body covering and boots. A safety shower and eye bath should be available.
HANDLING PROCEDURES AND EQUIPMENT Use with adequate ventilation. Wash thoroughly after handling. Keep container closed when not in use. Protect from low temperatures.

SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS NONREGULATED
DOT SHIPPING NAME NONREGULATED
UN NUMBER Not Required
REPORTABLE QUANTITY (RQ) Not Listed

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REFERENCES

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