

# Material Safety Data Sheet



## SUPER FALL OUT

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### SECTION I - IDENTIFICATION

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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

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### SECTION II - HAZARDOUS INGREDIENTS

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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

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### SECTION III - PHYSICAL DATA

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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

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### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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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

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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

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## SECTION VI - REACTIVITY DATA

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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

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## SECTION VII - SPILL OR LEAK PROCEDURE

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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.

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## SECTION VIII - SPECIAL PROTECTION

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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.

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## SECTION IX - SPECIAL PRECAUTIONS

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

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REFERENCES

ZZ1SUPFO