

Material Safety Data Sheet



FILTER HELPER

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 4/19/2002
TRADE NAME **FILTER HELPER**
CHEMICAL FAMILY Miscellaneous Mixture

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	OSHA PEL	TLV (Units)	CAS NUMBER
Aluminum Sulfate	Not Established	2 mg/m ³ (as Al)	10043-01-3

SECTION III - PHYSICAL DATA

BOILING POINT Not Applicable
FREEZING POINT Not Applicable
VAPOUR PRESSURE Negligible
VAPOUR DENSITY (air=1) Not applicable
SOLUBILITY IN H₂O 50% @ 0°C
ODOUR AND APPEARANCE White to off white powder; Odorless
SPECIFIC GRAVITY N/A
pH 3.5 in 1% solution

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 As for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES Wear self-contained breathing apparatus approved by NIOSH.
UNUSUAL FIRE HAZARD None currently known.

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SECTION V - HEALTH HAZARD DATA

CARCINOGENICITY, REPRODUCTIVE EFFECTS NONE
NTP? No
IARC MONOGRAPHS? No
OVER EXPOSURE EFFECTS Irritation to eyes, skin and respiratory tract, nausea, vomiting, irritation to gastrointestinal tract.
PRIMARY ROUTE(S) OF ENTRY Eye and skin contact.
SPECIFIC FIRST AID PROCEDURES Eye & skin contact: Flush immediately with plenty of water for 15 minutes and get medical attention. Wash contaminated clothing before reuse. If inhaled; Remove to fresh air. If swallowed; Induce vomiting immediately. Give nothing by mouth to an unconscious person. Get medical attention.
EXPOSURE AGGRAVATED MEDICAL CONDITIONS None currently known

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY Stable
CONDITIONS TO AVOID Temperatures above 760°C yield toxic and corrosive gases.
INCOMPATIBLE MATERIALS Alkalies and water reactive materials such as oleum, cause exothermic reactions.
HAZARDOUS DECOMPOSITION PRODUCTS Sulfur Oxide and Aluminum Oxide gases.
HAZARDOUS POLYMERIZATION Will not occur.
POLYMERIZATION AVOID Not applicable.

SECTION VII - SPILL OR LEAK PROCEDURE

LEAK AND SPILL PROCEDURES Shovel up and place in labeled, empty container w/ cover. Spray remaining residue with water. Neutralize further residue with alkali such as soda ash or lime. Adequate ventilation is required when neutralizing.
WASTE DISPOSAL Neutralize with alkali, then flush to sewer with plenty of water. Comply with all federal, state and local regulations.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION Respirator approved by NIOSH for dusts or mists.
VENTILATION To maintain dusts or mists below limits.
PROTECTIVE GLOVES Rubber or other impervious materials.
EYE PROTECTION Chemical splash proof goggles.
OTHER PROTECTIVE EQUIPMENT A safety shower and eye bath should be available. For operations where spills or splashing may occur, use an impervious body covering and boots.
HANDLING PROCEDURES AND EQUIPMENT Store in cool, dry area.

SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS None
DOT SHIPPING NAME WATER TREATMENT COMPOUND
UN NUMBER None
REPORTABLE QUANTITY (RQ) None

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REFERENCES

Filter Helper
HMIS: H-1 F-0 R-1