

# Material Safety Data Sheet



## FILTER HELPER

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

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### SECTION II - HAZARDOUS INGREDIENTS

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

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### SECTION III - PHYSICAL DATA

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BOILING POINT ..... Not Applicable  
FREEZING POINT ..... Not Applicable  
VAPOUR PRESSURE ..... Negligible  
VAPOUR DENSITY (air=1) ..... Not applicable  
SOLUBILITY IN H<sub>2</sub>O ..... 50% @ 0°C  
ODOUR AND APPEARANCE ..... White to off white powder; Odorless  
SPECIFIC GRAVITY ..... N/A  
pH ..... 3.5 in 1% solution

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### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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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

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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

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## SECTION VI - REACTIVITY DATA

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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.

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## SECTION VII - SPILL OR LEAK PROCEDURE

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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.

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## SECTION VIII - SPECIAL PROTECTION

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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.

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## SECTION IX - SPECIAL PRECAUTIONS

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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