

# Material Safety Data Sheet



## PATIO FURNITURE CLEANER

### 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 ..... 5/4/99  
TRADE NAME ..... **PATIO FURNITURE CLEANER**  
CHEMICAL FAMILY ..... Miscellaneous Blend

### SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	OSHA PEL	TLV (Units)	CAS NUMBER
Sodium Metasilicate	2.0 mg/m3	2.0 mg/m3	6834-92-0
**Ethylene Glycol Monobutyl Ether (5% by wt)	120.0 mg/m3 (skin)	120.0 mg/m3	111-76-2
**SEE NOTE UNDER "REFERENCES" AT END OF MSDS**	OSHAPEL	TLV	PCASNUM

### SECTION III - PHYSICAL DATA

BOILING POINT ..... Approximately 212oF  
FREEZING POINT ..... Approximately 30oF  
VAPOUR PRESSURE ..... Approximately 17  
VAPOUR DENSITY (air=1) ..... No Information Available  
SOLUBILITY IN H2O ..... Completely  
ODOUR AND APPEARANCE ..... Blue Liquid; Detergent Odor  
SPECIFIC GRAVITY ..... 1.055  
pH ..... 1% Sol = 11

### 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 ..... Wear self contained breathing apparatus where this material is involved in fire.  
UNUSUAL FIRE HAZARD ..... Prolonged contact with aluminum, tin, lead, and zinc 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 ..... Prolonged contact may cause burns to skin and eyes; ingestion may reduce red blood count, and may damage kidneys.  
PRIMARY ROUTE(S) OF ENTRY ..... 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. If affected by inhalation of vapor or spray mist, remove to fresh air. 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

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## SECTION VI - REACTIVITY DATA

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CHEMICAL STABILITY ..... Stable  
CONDITIONS TO AVOID ..... Not Applicable  
INCOMPATIBLE MATERIALS ..... All acids, oxidizing agents, prolonged contact with aluminum, zinc, tin, and lead.  
HAZARDOUS DECOMPOSITION PRODUCTS ..... Carbon 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 ..... Contain spill. Absorb on sand or other industrial absorbent. Thoroughly flush area to remove any residual product and drain to waste treatment system.  
WASTE DISPOSAL ..... Neutralize with dilute acid. Comply with all federal, state and local regulations.

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## SECTION VIII - SPECIAL PROTECTION

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RESPIRATORY PROTECTION ..... For emergencies, use self-contained breathing apparatus. Not needed when used according to instructions.  
VENTILATION ..... To maintain below limits.  
PROTECTIVE GLOVES ..... Rubber or other impervious material.  
EYE PROTECTION ..... Chemical splash goggles.  
OTHER PROTECTIVE EQUIPMENT ..... Impervious clothing necessary to prevent skin contact. A safety shower and eye bath should be available.  
HANDLING PROCEDURES AND EQUIPMENT ..... Store away from acids and oxidizing agents. Keep from freezing.

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## SECTION IX - SPECIAL PRECAUTIONS

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HAZARD CLASS ..... 8  
DOT SHIPPING NAME ..... Corrosive liquid basic inorganic  
UN NUMBER ..... UN3266  
REPORTABLE QUANTITY (RQ) ..... NOT LISTED

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## REFERENCES

ZZ1PATFC \*\*NOTE\*\* Hazardous  
Component(s) subject to reporting under 40  
CFR 372 (SARA Title III, Sec. 313). HEALTH  
= 1 FLAMMABILITY = 0 REACTIVITY = 0