

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

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

SECTION VI - REACTIVITY DATA

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

SECTION VII - SPILL OR LEAK PROCEDURE

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.

SECTION VIII - SPECIAL PROTECTION

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.

SECTION IX - SPECIAL PRECAUTIONS

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