

Material Safety Data Sheet



pH INCREASER

SECTION I - IDENTIFICATION

MANUFACTURER'S NAMEHaviland Consumer Products Inc.
MANUFACTURER'S ADDRESS421 Ann St., NW, Grand Rapids, MI 49504
PHONE NUMBER..... (616) 361-6691
EMERGENCY PHONE NUMBERCHEMTREC (800) 424-9300
EFFECTIVE DATE.....7/16/04
TRADE NAME.....**pH INCREASER**
CHEMICAL FAMILY.....Alkali

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	OSHA PEL	TLV (Units)	CAS NUMBER
Sodium Carbonate (Soda Ash)	Not Established	Not Established	497-19-8

SECTION III - PHYSICAL DATA

BOILING POINTDecomposes
FREEZING POINT 851oC
VAPOUR PRESSURE Not Applicable
VAPOUR DENSITY (air=1) Not Applicable
SOLUBILITY IN H2O..... 33.2% maximum
ODOUR AND APPEARANCE White, granular solid; Odorless
SPECIFIC GRAVITY 2.5
pH..... 1% Solution: 11.4

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT AND METHOD OF DETERMINATIONNot Flammable
LOWER EXPLOSIVE LIMIT (% by Volume) Not Applicable
UPPER EXPLOSIVE LIMIT (% by Volume) Not Applicable
MEANS OF EXTINCTION.....Use extinguishing media for surrounding fires.
SPECIAL FIRE FIGHTING PROCEDURES.....Wear full protective clothing and self-contained breathing apparatus.
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	Irritating to skin and mucous membranes. Ingestion may be harmful. Redness of exposed tissue or coughing. Inhalation of product dust may irritate nose, throat and lungs. May irritate or burn eyes. May cause skin irritation.
PRIMARY ROUTE (S) OF ENTRY.....	Skin Contact
SPECIFIC FIRST AID PROCEDURES	In case of contact: Immediately flush eyes and skin with plenty of water for at least 15 minutes. For eyes, get medical attention. If inhaled: Remove to fresh air. If swallowed: Drink large quantities of water.
EXPOSURE AGGRAVATED MEDICAL CONDITIONS	None Currently Known

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	Contact with acids except under controlled conditions.
INCOMPATIBLE MATERIALS.....	Reacts with acids with release of large volumes of carbon dioxide gas and heat. Avoid aluminum powder, acids, fluorine, molten lithium.
HAZARDOUS DECOMPOSITION PRODUCTS.....	Heated to decomposition, it emits fumes of sodium oxide.
HAZARDOUS POLYMERIZATION.....	Will Not Occur
POLYMERIZATION AVOID	Not Applicable

SECTION VII - SPILL OR LEAK PROCEDURE

LEAK AND SPILL PROCEDURES.....	Sweep up and recycle into process if contamination does not present a problem. Use appropriate protective equipment if dust is a generated or contact with eye or skin is expected. Flush residues and liquid to holding area for neutralization before discharge
WASTE DISPOSAL.....	Salvage as much material as possible and return to process if contamination does not present a problem. Dispose of in accepted landfill in accordance with all local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION	Use approved dust respirator for low levels of airborne dust. High concentrations may require air supplied systems.
VENTILATION	Local or general room ventilation to control airborne dust that may be generated into the work environment.
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 away from acids. Use air conveying/mechanical systems for bulk transfer to storage. Use appropriate approved respiratory protection when ventilation systems are not available.

SECTION IX - SPECIAL PRECAUTIONS

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HAZARD CLASS None
DOT SHIPPING NAME..... Not Regulated
UN NUMBER None
REPORTABLE QUANTITY (RQ)..... Not Listed

REFERENCES

ZZ1PHINR HMIS H=2 F=0 R=0 P=J