

Material Safety Data Sheet



ALKILINITY INCREASER

SECTION I - IDENTIFICATION

MANUFACTURER'S NAMEHaviland Consumer Products Incorporated
MANUFACTURER'S ADDRESS421 Ann St., N.W., Grand Rapids, MI 49504
PHONE NUMBER..... (616) 361-6691
EMERGENCY PHONE NUMBER.....CHEMTREC (800) 424-9300
EFFECTIVE DATE.....7/15/04
TRADE NAME.....**ALKILINITY INCREASER**
CHEMICAL FAMILY.....Alkali

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	OSHA PEL	TLV (Units)	CAS NUMBER
No hazardous components (in accordance with OSHA 29CFR 1910.1200).	OSHAPEL	TLV	Not Applicable

SECTION III - PHYSICAL DATA

BOILING POINT Not Applicable
FREEZING POINT Decomposes
VAPOUR PRESSURE..... Not Applicable
VAPOUR DENSITY (air=1) Not Applicable
SOLUBILITY IN H₂O 8.8% by wt. at 68oF
ODOUR AND APPEARANCE White Crystalline Powder; Odorless
SPECIFIC GRAVITY 2.16
pH 1% Solution: 8.2

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.....As for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES.....Self contained breathing apparatus may be required due to release of carbon dioxide gas, which is an asphyxiant and may affect respiratory tract. Sodium oxide may be produced at temperatures above 1564oF.
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 Overdosing can lead to systemic alkalosis.
PRIMARY ROUTE(S) OF ENTRY None
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 to dilute. Get medical attention.
EXPOSURE AGGRAVATED MEDICAL CONDITIONS None Currently Known

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY Stable
CONDITIONS TO AVOID High temperature exposure causes decomposition to sodium carbonate, water and carbon dioxide.
INCOMPATIBLE MATERIALS Reacts with acid to form salt, water and carbon dioxide.
HAZARDOUS DECOMPOSITION PRODUCTS Gaseous carbon dioxide.
HAZARDOUS POLYMERIZATION Will Not Occur
POLYMERIZATION AVOID Not Applicable

SECTION VII - SPILL OR LEAK PROCEDURE

LEAK AND SPILL PROCEDURES Sweep up dry material and dispose of.
WASTE DISPOSAL Dry landfill. Comply with all federal, state and local regulations.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION None Required for Normal Use
VENTILATION None Required for Normal Use
PROTECTIVE GLOVES Impervious gloves when working with solutions. General purpose for handling dry product.
EYE PROTECTION Safety glasses when handling bulk material or when dusts are generated.
OTHER PROTECTIVE EQUIPMENT Apron where splashing may occur when working with solutions. For operations where spills or splashing may occur, use an impervious body covering and boots.
HANDLING PROCEDURES AND EQUIPMENT Store in cool, clean, dry area.

SECTION IX - SPECIAL PRECAUTIONS

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

REFERENCES

ZZ1BIALK
HMIS H=0 F=0 R=0

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