

Material Safety Data Sheet



LIQUID CONDITIONER

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.....8/4/04
TRADE NAME.....**LIQUID CONDITIONER**
CHEMICAL FAMILY.....Symmetrical Triazinetrion

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	OSHA PEL	TLV (Units)	CAS NUMBER
Iscocyanuric Acid	Not Determined	Not Determined	108-80-5

SECTION III - PHYSICAL DATA

BOILING POINT No Information Available
FREEZING POINT Infusible; sublimates at greater than 330oC
VAPOUR PRESSURE Not Applicable
VAPOUR DENSITY (air=1) Not Applicable
SOLUBILITY IN H2O..... Slight
ODOUR AND APPEARANCE White Crystals; Odorless
SPECIFIC GRAVITY Not Determined
pH..... 10% Slurry: 5.0

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..... Water spray, carbon dioxide, dry chemical or alcohol-resistant foam.
SPECIAL FIRE FIGHTING PROCEDURES.....None Currently Known
UNUSUAL FIRE HAZARD.....Irritating and highly toxic gases may be generated by thermal decomposition or combustion.

SECTION V - HEALTH HAZARD DATA

CARCINOGENICITY, REPRODUCTIVE EFFECTS None
NTP?..... No
IARC MONOGRAPHS?..... No
OVER EXPOSURE EFFECTS Harmful if swallowed, inhaled or absorbed through skin. Causes severe irritation. High concentrations are extremely destructive to tissues of the mucous membranes and upper respiratory tract. Shortness of breath, headache, nausea and vomiting. Chronic over exposure - Eyes and skin, symptoms may include burning sensation, coughing, wheezing, laryngitis.
PRIMARY ROUTE (S) OF ENTRY Inhalation
SPECIFIC FIRST AID PROCEDURES In case of eye contact: Flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly

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with soap and water; wash contaminated clothing before reuse. If inhaled: Remove to fresh air. If swallowed: Do NOT induce vomiting-allow victim to wash out mouth. Then drink 2-4 cupfuls of water. Never give anything by mouth to an unconscious person- seek medical aid.
None Currently Known

EXPOSURE AGGRAVATED MEDICAL
CONDITIONS

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY Stable
CONDITIONS TO AVOID None currently known.
INCOMPATIBLE MATERIALS Strong Oxidizing Agents
HAZARDOUS DECOMPOSITION PRODUCTS Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases,
carbon dioxide, nitrogen.
HAZARDOUS POLYMERIZATION Will Not Occur
POLYMERIZATION AVOID Not Applicable

SECTION VII - SPILL OR LEAK PROCEDURE

LEAK AND SPILL PROCEDURES Wear NIOSH/MSHA approved self-contained breathing apparatus, rubber boots and heavy gloves. Sweep up, place in a bag and hold for disposal. Avoid generating dust. Ventilate area/wash spill after material is swept up.
WASTE DISPOSAL Dispose of according to Federal, State and Local regulations.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION NIOSH approved respirator.
VENTILATION To maintain dusts 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 a cool, dry place. Hygroscopic-harmful solid-Keep tightly closed. Avoid generating dust. Do not get in eyes, on skin, on clothing-severe irritant.

SECTION IX - SPECIAL PRECAUTIONS

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

REFERENCES

ZZILIQCO