MATERIAL SAFETY DATA SHEET

STABILIZER

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SECTION I - IDENTIFICATION
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MANUFACTURER'S NAME........... Haviland Consumers Products Company
ADDRESS (STREET,CITY,STATE,ZIP) 421 Ann St., N.W., Grand Rapids, MI 49504
PHONE NUMBER.................... (616) 361-6691
EMERGENCY PHONE NUMBER....... CHEMTREC (800) 424-9300
EFFECTIVE DATE............... 5/25/99
TRADE NAME..................... STABILIZER
CHEMICAL FAMILY............... Symmetrical Triazinetrion

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SECTION II - HAZARDOUS INGREDIENTS
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HAZARDOUS COMPONENTS OSHA/PEL ACGIH/TLV (Units) PROD. CAS #
Iscocyanuristic Acid Not Determined 108-80-5
Determined

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SECTION III - PHYSICAL DATA
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BOILING POINT.................. No Information Available
FREEZING POINT................ Infusible: sublimes at greater than 330°C
VAPOR PRESSURE (mm Hg)........ Not Applicable
VAPOR DENSITY (Air=1)......... Not Applicable
SOLUBILITY IN H2O............. Slight
APPEARANCE/ODOR.............. White Crystals; Odorless
SPECIFIC GRAVITY (H2O=1)..... Not Determined
PH.................. 10% Slurry: 5.0

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA
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FLASH POINT.................... Will Not Burn
LOWER EXPLOSIVE LIMIT (% by Volume) Not Applicable
UPPER EXPLOSIVE LIMIT (% by Volume) Not Applicable
EXTINGUISH MEDIA............. 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.

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SECTION V - HEALTH HAZARD DATA
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CARCINOGENICITY................ None
NTP.............................. No
IARC............................ No

01/20/2000
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
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 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.

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

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SECTION VII - SPILL OR LEAK PROCEDURE
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FOR SPILL ...................... 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 METHOD .......... Dispose of according to Federal, State and Local regulations.

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SECTION VIII - SPECIAL PROTECTION
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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 AND STORAGE.......... 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.

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SECTION IX - SPECIAL PRECAUTIONS
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HAZARD CLASS.................. None
DOT SHIPPING NAME............. Not Regulated
UN NUMBER..................... None
REPORTABLE QUANTITY (RQ)..... Not Listed

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REFERENCES ZZ1HASTB

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