

Material Safety Data Sheet



SPA DEFOAMER

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.....**SPA DEFOAMER**
CHEMICAL FAMILY.....Organosilicone emulsion

SECTION II - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS | OSHA PEL | TLV (Units) | CAS NUMBER |
|-------------------------|-----------------|-----------------|------------|
| Nonyl Phenol Surfactant | Not Established | Not Established | 9016-45-9 |

SECTION III - PHYSICAL DATA

BOILING POINT>212oF (100oC)
FREEZING POINT 32oF (0oC)
VAPOUR PRESSURE <20 @ 20oC
VAPOUR DENSITY (air=1) >1.0
SOLUBILITY IN H2O..... Dispersible
ODOUR AND APPEARANCE Milky White, Opaque Liquid; Mild Odor
SPECIFIC GRAVITY 1.0
pH..... 7.0 - 8.0

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT AND METHOD OF DETERMINATION200oF
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.....Use SCBA with full-face shield. After water evaporates, residue can burn.
UNUSUAL FIRE HAZARD.....Drums heated by fire can rupture.

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SECTION V - HEALTH HAZARD DATA

CARCINOGENICITY, REPRODUCTIVE EFFECTS None
NTP? No
IARC MONOGRAPHS? No
OVER EXPOSURE EFFECTS Swallowing may cause nausea.
PRIMARY ROUTE (S) OF ENTRY Skin Contact
SPECIFIC FIRST AID PROCEDURES In case of skin contact: Immediately wash skin with soap and plenty of water. Ingestion: Do not induce vomiting. Call a Physician
Immediately. In case of eye contact: Immediately flush eyes with plenty of water. Get medical attention.
EXPOSURE AGGRAVATED MEDICAL CONDITIONS None Currently Known

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY Stable
CONDITIONS TO AVOID None currently known
INCOMPATIBLE MATERIALS Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS Carbon and silicon oxides upon combustion
HAZARDOUS POLYMERIZATION Will Not Occur
POLYMERIZATION AVOID Not Applicable

SECTION VII - SPILL OR LEAK PROCEDURE

LEAK AND SPILL PROCEDURES Soak up with absorbent and place in a covered container for disposal. Do not flush into sewers or any natural waterways.
WASTE DISPOSAL Bury in landfill where permitted under appropriate federal, state and local regulations.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION Use with adequate ventilation.
VENTILATION Provide local exhaust.
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 Keep in tightly closed containers. Protect containers from damage.

SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS None
DOT SHIPPING NAME Compound, Defoaming
UN NUMBER None
REPORTABLE QUANTITY (RQ) Not Listed

REFERENCES

ZZ1SPAFM
HMIS H-1 F-1 R-0 P-B