

**KINETIC**

Helena Chemical Company  
 PH: 901-761-0050  
**CHEMTREC:** 800-424-9300  
**Effective Date:** 03-JUL-2006  
**Product:** KINETIC

**I. IDENTIFICATION**

**Chemical Name:** Mixture of Surfactants  
**Chemical Family:** Nonionic Surfactants  
**Formula:** Not applicable, formulated mixture.  
**Synonyms:** None  
**CAS Number:** Not applicable, formulated mixture.  
**EPA Number:** None required

**II. PHYSICAL DATA**

**Boiling Point:** >150 Degrees F.  
**Freezing Point:** <35 Degrees F.  
**Spec Gravity:** 1.02-1.04 gms/cc  
**Vapor Pressure:** <1 mm/Hg  
**Vapor Density:** >1  
**Solubility:** Dispersible  
**Volatiles:** <0.1  
**Evaporation:** <1  
**Melting Point:** Not applicable  
**Appearance:** Clear, water white liquid with surfactant odor.

**III. INGREDIENTS**

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of polyalkyleneoxide modified polydimethylsiloxane and nonionic surfactant.		100.00	15 mg/m3	Mild skin & eye irritant.
Note: This product contains organosilicone surfactants.				

**IV. FIRE AND EXPLOSION HAZARD**

**Flash Point:** 240 Degrees F. (PMCC)  
**Autoignition Temp:** Not determined  
**Flammable Limit:** Not determined  
**Extinguishing Media:** Use alcohol type or universal type foam extinguishing agents for large fires. Use carbon dioxide or dry chemical extinguishers for small fires.  
**Special Fire Fight Proc:** Use self-contained breathing apparatus and full protective equipment. Avoid breathing fumes. Avoid spraying a solid stream of water or foam directly into a pool of hot, burning liquid as this may cause frothing.  
**Fire and Expl Hazard:** None noted.

**V. HEALTH HAZARD**

**Carcinogen Information:** None currently known.  
**ACUTE EFFECTS OF OVEREXPOSURE**  
**Swallowing:** Slightly toxic. Acute Oral LD50 (rat) = 3,343 mg/kg. Ingestion may cause nausea, abdominal discomfort, vomiting and diarrhea.  
**Skin Absorption:** Acute Dermal LD50 (rabbit) > 2,020 mg/kg. No toxic effects anticipated from skin absorption based on current data.  
**Inhalation:** No Acute Inhalation LC50 is available since no fatalities occurred at the highest atmospheric concentration achievable in the study.  
**Skin contact:** May cause slight skin irritation after repeated or prolonged contact.  
**Eye Contact:** May cause mild eye irritation after direct contact.  
**Chronic Effects:** Long term effects of overexposure include activity decrease, nasal discharge, polyuria, respiratory gurgle and salivation.  
**Other Hazard:** None currently known.  
**EMERGENCY AND FIRST AID PROCEDURES**  
**Swallowing:** Drink a large amount of water. Induce vomiting and immediately call a physician. Do not induce vomiting or give anything by mouth to an unconscious person.  
**Skin:** Remove contaminated clothing and wash skin with plenty of soap and water. Call a physician if irritation persists or develops.  
**Inhalation:** Move to fresh air. Obtain medical attention if breathing becomes difficult. No emergency care anticipated.

**Eyes:** Immediately flush eyes with water, continuing for at least 15 minutes. Obtain medical attention if irritation persists.

**Notes to Physician:** There is no specific antidote for this material. Treatment should be directed toward control of the symptoms and the clinical condition of the patient.

**VI. REACTIVITY**

**Stability:** Stable  
**Conditions to Avoid:** None currently known.  
**Polymerization:** Will Not Occur  
**Conditions to Avoid:** None currently known.  
**Incompatibility material:** None noted.  
**Hazardous Combustion:** May produce carbon dioxide, carbon monoxide and oxides of silicon under fire conditions.

**VII. SPILL OR LEAK PROCEDURES**

**Spill or Leak Proc:** Isolate spill area. Cover spilled product with an inert absorbent, such as clay, sand or sawdust. Collect and place in suitable containers for disposal.  
**Waste Disposal Method:** This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

**VIII. SPECIAL PROTECTION INFORMATION**

**Respiration:** None required under normal conditions.  
**Ventilation:** General (mechanical) room ventilation is expected to be satisfactory.  
**Gloves:** Impervious (PVC-coated)  
**Eyes:** Splashproof goggles  
**Other:** Emergency shower, eyewash station, protective apron and footwear.

**IX. SPECIAL PRECAUTIONS**

**Special precaution:** Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams or ponds with this material or with rinsate from containers or equipment. Avoid contact with skin or clothing and avoid breathing vapors. Keep containers closed when not in use. Only use with adequate ventilation.  
**Other precaution:** This product does not contain any chemical subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. All ingredients in this mixture are exempt from the requirements of a tolerance, as specified in 40 CFR 180.1001(c).

**X. SHIPPING INFORMATION**

**Shipping name:** Not regulated by DOT, IATA or IMDG.  
**Hazard Class:** None  
**Identification No:** None  
**Labels Required:** None required  
**Placarding:** None  
**Freight Class:** Adhesive, Adjuvant, Spreader or Sticker, Liquid, NOIBN (NMFC Item 4610, Class 60)

Chemical Name	Equivalent R.Q.
Not applicable	Not applicable

**XI. GENERAL PRODUCT INFORMATION**

**National Fire Protection Association Rating:**  
 (Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)  
**Health:** 2  
**Fire:** 1  
**Reactivity:** 0  
**S.A.R.A. Title III Hazard Classification:** (Yes/No)  
**Immediate (Acute) Health:** Y  
**Delayed (Chronic) Health:** N  
**Sudden Release of pressure:** N  
**Fire:** N  
**Reactive:** N

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