

Material Safety Data Sheet

Effective Date: 20-JUL-2009

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

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directly into a pool of hot, burning liquid as  
this may cause frothing.

Fire and Expl Hazard: None noted.

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V. HEALTH HAZARD  
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Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE  
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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  
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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.

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VI. REACTIVITY  
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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.

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VII. SPILL OR LEAK PROCEDURES  
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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.

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VIII. SPECIAL PROTECTION INFORMATION  
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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.

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IX. SPECIAL PRECAUTIONS  
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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  
contaminated 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

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09-SEP-2009 08:35:23  
Page 4 Of 4

Material Safety Data Sheet

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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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