

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.

V. HEALTH HAZARD

Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE

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.

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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
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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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
Sudden Release of pressure: N
Reactive: N

Delayed (Chronic) Health: N
Fire: N

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