

Material Safety Data Sheet

Effective Date: 23-NOV-2000  
Product: KINETIC HV, HELENA

I. IDENTIFICATION

Chemical Name: BLEND 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 C.  
Freezing Point: <35 DEGREES F.  
Spec Gravity: 1.025 GMS/CC  
Vapor Pressure: <1 MM/HG  
Vapor Density: >1  
Solubility: DISPERSIBLE  
Volatiles: <0.1  
Evaporation: <1  
Melting Point: NOT APPLICABLE  
Appearance: AMBER, VISCOUS LIQUID, SURFACTANT ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF POLYALKYLENEOXIDE MODIFIED POLYDIMETHYLSILOXANE AND NONIONIC SURFACTANT		99.00	NOT ESTABLI SHED	MILD SKIN & EYE IRRITANT
CONSTITUENTS INEFFECTIVE AS SPRAY ADJUVANT		1.00	NOT ESTABLI SHED	NOT DETERMINED

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >150 DEGREES F. (TCC)  
Autoignition Temp: NOT DETERMINED  
Flammable Limit: NOT DETERMINED  
Extinguishing Media: USE ALCOHOL TYPE OR UNIVERSAL TYPE FOAM FOR  
LARGE FIRES. USE CARBON DIOXIDE OR DRY CHEMICAL  
FOR SMALL FIRES.  
Special Fire Fight Proc: USE SELF-CONTAINED BREATHING APPARATUS AND  
AVOID BREATHING FUMES. AVOID SPRAYING A SOLID  
STREAM OF WATER OR FOAM DIRECTLY INTO A POOL OF

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HOT, BURNING LIQUID. 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, ORAL LD50 (RAT) 3,343 MG/KG.  
INGESTION MAY CAUSE NAUSEA, ABDOMINAL  
DISCOMFORT, VOMITING AND DIARRHEA.  
Skin Absorption: DERMAL LD60 (RABBIT) >2,020 MG/KG. NO TOXIC  
EFFECTS EXPECTED DUE TO SKIN ABSORPTION BASED  
ON CURRENTLY KNOWN INFORMATION.  
Inhalation: NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE  
INFORMATION.  
Skin contact: MAY CAUSE MILD IRRITATION.  
Eye Contact: CAUSES MILD EYE IRRITATION.  
Chronic Effects: NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE  
INFORMATION.  
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: DRINK 1 TO 2 GLASSES OF WATER AND INDUCE  
VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN  
UNCONSCIOUS OR CONVULSING PERSON. GET MEDICAL  
ATTENTION.  
Skin: WASH CONTAMINATED AREAS THOROUGHLY WITH SOAP  
AND WATER. OBTAIN MEDICAL ATTENTION IF  
IRRITATION PERSISTS.  
Inhalation: MOVE TO FRESH AIR, OBTAIN MEDICAL ATTENTION IF  
BREATHING BECOMES DIFFICULT. NO EMERGENCY CARE  
ANTICIPATED.  
Eyes: IN CASE OF CONTACT WITH EYES, IMMEDIATELY FLUSH  
WITH WATER FOR 15 MINUTES. OBTAIN MEDICAL  
ATTENTION IF IRRITATION PERSISTS.  
Notes to Physician: THERE IS NO SPECIFIC ANTIDOTE FOR THIS  
PRODUCT. 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 NOTED.

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Polymerization: Will Not Occur  
Conditions to Avoid: NONE NOTED.  
Incompatibility material: NONE NOTED.  
Hazardous Combustion: BURNING CAN PRODUCE CARBON DIOXIDE, CARBON  
MONOXIDE, AND OXIDES OF SILICON.

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VII. SPILL OR LEAK PROCEDURES

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Spill or Leak Proc: ROPE OFF CONTAMINATED AREA, COVER SPILL WITH AN  
ABSORBENT, SUCH AS CLAY, SAND OR SAWDUST.  
PLACE IN RECOVERY DRUMS FOR PROPER DISPOSAL.  
WEAR SUITABLE PROTECTIVE EQUIPMENT.  
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: MONOGOGGLES  
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  
CONTAMINATE WATER SUPPLIES, LAKES, STREAMS, OR  
PONDS WITH RINSATE FROM CONTAINERS OR  
EQUIPMENT. DO NOT GET IN EYES, AVOID CONTACT  
WITH SKIN AND CLOTHING. AVOID BREATHING  
VAPORS, KEEP CONTAINER CLOSED. USE WITH  
ADEQUATE VENTILATION. WASH THOROUGHLY AFTER  
HANDLING.  
Other precaution: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL  
SUBJECT TO THE REPORTING REQUIREMENTS OF  
SECTION 313 OF TITLE III OF THE SUPERFUND  
AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND  
40 CFR PART 372.

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X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT, IATA (AIR), OR IMDG  
(WATER).

Hazard Class: NONE  
Identification No: NONE  
Labels Required: NONE REQUIRED  
Placarding: NONE REQUIRED

Freight Class: ADJUVANT, SPREADER OR STICKER, NOIBN

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: 1

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

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017  
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