

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.

V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

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

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.

VI. REACTIVITY

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.

VII. SPILL OR LEAK PROCEDURES

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.

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: MONOGOGGLES
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 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.

Helena Chemical Company
PH: 901-761-0050
CHEMTREC: 800-424-9300

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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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