

Material Safety Data Sheet

Effective Date: 12-FEB-2000  
Product: HYPER-ACTIVE

I. IDENTIFICATION

Chemical Name: NONIONIC, CATIONIC & ANIONIC SURFACTANTS  
Chemical Family: SURFACTANTS  
Formula: NOT APPLICABLE, FORMULATED MIXTURE.  
Synonyms: NONE  
CAS Number: SEE INGREDIENT STATEMENT, SECTION III.  
EPA Number: CAL. REG. NO. 5905-50082-AA

II. PHYSICAL DATA

Boiling Point: 87 DEGREES C.  
Freezing Point: -22 DEGREES F.  
Spec Gravity: .976 GMS/CC  
Vapor Pressure: NOT ESTABLISHED  
Vapor Density: NOT ESTABLISHED  
Solubility: DISPERSIBLE  
Volatiles: 24.1  
Evaporation: NOT ESTABLISHED  
Melting Point: NOT APPLICABLE  
Appearance: YELLOWISH BROWN LIQUID, ALCOHOL ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF DIALKYL AMMONIUM POLYNAPHTHYL AMINE AND POLYETHOXYLATED ALKYL (C6- 22) ARYL ETHERS (CONTAINS ISOPROPANOL - CAS # 00067-63- 0)		100.00	5 MG/M3	FLAMMABLE, SKIN & EYE IRRITANT

IV. FIRE AND EXPLOSION HAZARD

Flash Point: 77.9 DEGREES F.  
Autoignition Temp: 670 DEG F. (ESTIMATE)  
Flammable Limit: NOT ESTABLISHED  
Extinguishing Media: WATER FOG, FOAM, DRY CHEMICAL AND CARBON  
DIOXIDE.  
Special Fire Fight Proc: WEAR A (POSITIVE PRESSURE) SELF-CONTAINED  
BREATHING APPARATUS WHEN FIGHTING FIRES IN AN  
ENCLOSED AREA.  
Fire and Expl Hazard: COOL EXPOSED CONTAINERS WITH WATER SPRAY.  
AVOID BREATHING VAPORS AND FUMES.

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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: LOW TOXICITY, ORAL LD50 (RAT) = >5000 MG/KG.  
MAY CAUSE STOMACH CRAMPS, NAUSEA AND VOMITING.  
Skin Absorption: LOW TOXICITY; DERMAL LD50 (RAT) = >2000 MG/KG.  
MAY BE HARMFUL IF ABSORBED BY SKIN.  
Inhalation: NO DATA AVAILABLE FOR THIS PRODUCT. LOW  
CONCENTRATIONS MAY CAUSE MILD IRRITATION OF  
THE NOSE AND THROAT.  
Skin contact: MAY CAUSE MILD IRRITATION WITH PROLONGED OR  
REPEATED CONTACT.  
Eye Contact: MAY CAUSE SEVERE IRRITATION TO THE EYES WITH  
PAIN AND LACHRYMATION.  
Chronic Effects: EXCESSIVE EXPOSURES MAY CAUSE IRRITATION TO  
EYES, NOSE AND THROAT AND CAUSE HEADACHE AND  
DROWSINESS.  
Other Hazard: THIS PRODUCT IS NOT KNOWN TO AGGRAVATE ANY  
EXISTING MEDICAL CONDITIONS.

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: GIVE 1 TO 2 GLASSES OF WATER TO DRINK AND  
INDUCE VOMITING. OBTAIN MEDICAL ATTENTION  
IMMEDIATELY.  
Skin: WASH CONTAMINATED AREA WITH SOAP AND WATER. IF  
IRRITATION DEVELOPS, CONSULT A PHYSICIAN.  
Inhalation: MOVE PERSON TO FRESH AIR. IF NOT BREATHING,  
GIVE ARTIFICIAL RESPIRATION. SEEK MEDICAL  
ATTENTION.  
Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING  
EYELIDS OPEN. SEEK MEDICAL ATTENTION.  
Notes to Physician: IN THE EVENT OF AN ADVERSE RESPONSE, 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: OPEN FLAMES  
Polymerization: Will Not Occur  
Conditions to Avoid: NONE CURRENTLY KNOWN.  
Incompatibility material: ALKALIES AND STRONG OXIDIZERS.

Helena Chemical Company  
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CHEMTREC: 800-424-9300

23-DEC-2002 13:02:40  
Page 3 Of 4

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Hazardous Combustion: MAY PRODUCE CARBON DIOXIDE, CARBON MONOXIDE,  
OXIDES OF NITROGEN AND OXIDES OF SULFUR UNDER  
FIRE CONDITIONS.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: CLEAN UP SPILLS WITH AN OIL ABSORBENT MATERIAL,  
SUCH AS CLAY, SAND, OR SAWDUST. PLACE  
CONTAMINATED MATERIAL IN RECOVERY DRUM FOR  
PROPER 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: USE ONLY NIOSH-APPROVED RESPIRATORY PROTECTION  
WHEN EXPOSURE TO VAPORS AND FUMES EXCEEDS THE  
TLV.  
Ventilation: GENERAL (SPARK-PROOF) EXHAUST SYSTEM.  
Gloves: IMPERVIOUS GLOVES  
Eyes: CHEMICAL WORKERS GOGGLES.  
Other: EYE WASH STATION, IMPERVIOUS 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. DO NOT STORE NEAR OPEN HEAT OR FLAMES.  
DO NOT STORE WITH OXIDIZING AGENTS OR AMMONIUM  
NITRATE FERTILIZER. KEEP CONTAINER CLOSED.  
Other precaution: A) RCRA HAZARDOUS WASTE NUMBER: D001, IGNITABLE  
B) SARA TITLE III, SECTION 313: NOT LISTED  
C) SARA THRESHOLD PLANNING QUANTITY: NOT LISTED  
D) CERCLA REPORTABLE QUANTITY: 100 LB (AS D001  
WASTE)  
E) 49 CFR 172.101, APPENDIX A: NOT LISTED  
F) 49 CFR 172.101, APPENDIX B: NOT LISTED

X. SHIPPING INFORMATION

Shipping name: FLAMMABLE LIQUIDS, N.O.S., (CONTAINS

23-DEC-2002 13:02:40  
Page 4 Of 4

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