

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

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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

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

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

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.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: OPEN FLAMES
Polymerization: Will Not Occur
Conditions to Avoid: NONE CURRENTLY KNOWN.
Incompatibility material: ALKALIES AND STRONG OXIDIZERS.

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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

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