

Material Safety Data Sheet

Effective Date: 14-FEB-2006
Product: AD-SPRAY 80

I. IDENTIFICATION

Chemical Name: SURFACTANT BLEND
Chemical Family: SURFACTANTS
Formula: NOT APPLICABLE, FORMULATED MIXTURE.
Synonyms: 80% NONIONIC SURFACTANT
CAS Number: NOT APPLICABLE, FORMULATED MIXTURE.
EPA Number: NONE REQUIRED

II. PHYSICAL DATA

Boiling Point: >200 DEGREES F.
Freezing Point: <40 DEGREES F.
Spec Gravity: 1.005 GMS/CC
Vapor Pressure: NOT ESTABLISHED
Vapor Density: NOT ESTABLISHED
Solubility: 100%
Volatiles: 20
Evaporation: NOT APPLICABLE
Melting Point: <10 DEGREES F.
Appearance: CLEAR/YELLOW LIQUID, SURFACTANT ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
ALKYLPHENOL ETHOXYLATE, 1,2- PROPANE DIOL, AND ALCOHOL ETHOXYLATE		80.00	NOT ESTABLI SHED	MILD SKIN & EYE IRRITANT
INERT INGREDIENTS		20.00	NOT ESTABLI SHED	NONHAZARDOUS

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 DEGS F. (PMCC)
Autoignition Temp: 750 DEG F (ESTIMATE)
Flammable Limit: NOT APPLICABLE
Extinguishing Media: DRY CHEMICAL, WATERSPRAY, WATERFOG, CARBON
DIOXIDE, OR FOAM.
Special Fire Fight Proc: WEAR SELF-CONTAINED BREATHING APPARATUS AND
AVOID BREATHING FUMES. WATER SPRAY MAY BE
INEFFECTIVE.
Fire and Expl Hazard: NONE CURRENTLY KNOWN.

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V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: NO DATA CURRENTLY AVAILABLE.
Skin Absorption: NO DATA CURRENTLY AVAILABLE.
Inhalation: NO DATA CURRENTLY AVAILABLE.
Skin contact: PROLONGED SKIN CONTACT MAY CAUSE MILD
IRRITATION.
Eye Contact: DIRECT EYE CONTACT WITH LIQUID MAY CAUSE
IRRITATION.
Chronic Effects: NO DATA AVAILABLE
Other Hazard: NO DATA AVAILABLE

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: GIVE 2 TO 4 GLASSES OF WATER AND INDUCE
VOMITING. CALL A PHYSICIAN.
Skin: WASH SKIN THOROUGHLY WITH SOAP AND WATER. IF
IRRITATION DEVELOPS. CONSULT A PHYSICIAN.
Inhalation: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT,
GIVE OXYGEN AND CALL A PHYSICIAN.
Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING
EYELIDS OPEN. IF IRRITATION DEVELOPS, CONSULT A
PHYSICIAN.
Notes to Physician: IN THE EVENT OF AN ADVERSE RESPONSE, TREATMENT
SHOULD BE DIRECTED TOWARD CONTROL OF THE
SYMPTOMS.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: EXCESSIVE TEMPERATURES AND OPEN FLAMES.
Polymerization: Will Not Occur
Conditions to Avoid: NONE CURRENTLY KNOWN.
Incompatibility material: STRONG OXIDIZERS SUCH AS HYDROGEN PEROXIDE,
BROMINE, AND CHROMIC ACID.
Hazardous Combustion: CARBON DIOXIDE AND CARBON MONOXIDE UNDER FIRE
CONDITIONS.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: DIKE AND ABSORB SPILL WITH AN ABSORBENT SUCH AS

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CLAY, SAND, OR SAWDUST. TRANSFER TO SUITABLE
CONTAINERS FOR PROPER DISPOSAL. FLUSH SPILL
AREA WITH WATER, ABSORB AND PLACE IN SAME
CONTAINERS WITH OTHER MATERIAL.
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: IF SPRAY IS PRESENT, USE NIOSH/MSHA APPROVED
RESPIRATORY PROTECTION.
Ventilation: MECHANICAL VENTILATION
Gloves: IMPERVIOUS
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. KEEP CONTAINERS TIGHTLY CLOSED. KEEP
AWAY FROM HEAT, SPARKS OR FLAMES. STORE BETWEEN
40 DEGREES F AND 120 DEGREES F.

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.

X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT, IATA, OR IMDG.
Hazard Class: NONE
Identification No: NONE
Labels Required: NONE
Placarding: NONE
Freight Class: ADJUVANT, SPREADER OR STICKER, LIQUID, NOIBN

Helena Chemical Company
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CHEMTREC: 800-424-9300

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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	Delayed (Chronic) Health: N
Sudden Release of pressure: N	Fire: N
Reactive: N	

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