

Material Safety Data Sheet

Effective Date: 12-JAN-2000
Product: ADSPRAY SC

I. IDENTIFICATION

Chemical Name: NOT APPLICABLE, FORMULATED MIXTURE.
Chemical Family: SURFACTANTS/WETTING AGENTS
Formula: NOT APPLICABLE, FORMULATED MIXTURE.
Synonyms: NONE
CAS Number: 68081-96-9
EPA Number: NOT REQUIRED

II. PHYSICAL DATA

Boiling Point: >200 DEGREES F.
Freezing Point: <35 DEGREES F.
Spec Gravity: 1.010 GMS/CC
Vapor Pressure: NOT DETERMINED
Vapor Density: NOT DETERMINED
Solubility: MISCIBLE
Volatiles: 50%
Evaporation: NOT DETERMINED
Melting Point: NOT APPLICABLE
Appearance: CLEAR YELLOW LIQUID, ALCOHOL ODOR

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF LINEAR ALCOHOL SULFATES AND FORMULATION AIDS		100.00	NOT ESTABLISHED	SKIN & EYE IRRITANT SHED

IV. FIRE AND EXPLOSION HAZARD

Flash Point: NON-COMBUSTIBLE
Autoignition Temp: NOT DETERMINED
Flammable Limit: NOT DETERMINED
Extinguishing Media: WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE.
Special Fire Fight Proc: FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE-PRESSURE MODE WITH A FULL FACEPIECE WHEN THERE IS A POSSIBILITY OF EXPOSURE TO SMOKE, FUMES OR VAPORS.
Fire and Expl Hazard: USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL.

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V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: ACUTE ORAL LD50 (RAT) <5 G/KG.
Skin Absorption: NO DATA AVAILABLE.
Inhalation: MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT. NO DATA AVAILABLE.
Skin contact: MAY CAUSE SEVERE SKIN IRRITATION.
Eye Contact: DIRECT EYE CONTACT WITH LIQUID WILL PRODUCE SEVERE EYE IRRITATION.
Chronic Effects: NONE CURRENTLY KNOWN.
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: DO NOT INDUCE VOMITING. IF VICTIM IS CONSCIOUS AND ABLE TO SWALLOW, PROMPTLY HAVE VICTIM DRINK WATER TO DILUTE. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.
Skin: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER WHILE REMOVING CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IMMEDIATELY.
Inhalation: MOVE TO FRESH AIR. IF VICTIM HAS STOPPED BREATHING GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY.
Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. DO NOT RUB EYES. GET MEDICAL ATTENTION IMMEDIATELY.
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: NONE CURRENTLY KNOWN.
Polymerization: Will Not Occur
Conditions to Avoid: NONE CURRENTLY KNOWN.
Incompatibility material: AVOID CONTACT WITH STRONG ACIDS AND OXIDIZING AGENTS.
Hazardous Combustion: MAY PRODUCE OXIDES OF CARBON, NITROGEN, AND SULFUR UNDER FIRE CONDITIONS.

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VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING. CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE CONTAINERS FOR PROPER DISPOSAL. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA.

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: USE ADEQUATE VENTILATION.

Gloves: IMPERVIOUS

Eyes: CHEMICAL WORKERS GOGGLES.

Other: EMERGENCY SHOWER, 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. STORE IN ORIGINAL CONTAINERS ONLY. KEEP CONTAINERS TIGHTLY CLOSED. DO NOT ALLOW WATER TO BE INTRODUCED INTO THE CONTENTS OF THIS CONTAINER.

Other precaution: A) RCRA HAZARDOUS WASTE NUMBER: U122
B) SARA TITLE III, SECTION 313: 112 PPM (FORMALDEHYDE)
C) SARA THRESHOLD PLANNING QUANTITY: 500 LB.
D) CERCLA REPORTABLE QUANTITY: 100 LB. (AS WASTE)
E) CALIFORNIA PROPOSITION 65: NOT LISTED
F) SECTION 313, CLEAN AIR ACT: 112 PPM (FORMALDEHYDE)

X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT, IMDG OR IATA.
Hazard Class: NONE

Helena Chemical Company
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CHEMTREC: 800-424-9300

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Identification No: NONE
Labels Required: NONE
Placarding: NONE
Freight Class: ADJUVANT, SPREADER OR STICKER, LIQUID, NOIBN
(NMFC Item 4610, Class 60)

Chemical Name	Equivalent R.Q.
----- FORMALDEHYDE, CAS #50-00-0	----- 100 LB/45.4 KG

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 3 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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