

Material Safety Data Sheet

Effective Date: 23-JAN-2000  
Product: NALCO-TROL SPRAY ADJUVANT

I. IDENTIFICATION

Chemical Name: ACRYLAMIDE, ACRYLATE POLYMER  
Chemical Family: ACRYLAMIDES  
Formula: NOT APPLICABLE, FORMULATED MIXTURE.  
Synonyms: DRIFT CONTROL AGENT  
CAS Number: SEE INGREDIENT STATEMENT, SECTION III.  
EPA Number: CAL. REG. NO. 5905-50070-AA

II. PHYSICAL DATA

Boiling Point: NOT DETERMINED  
Freezing Point: <33 DEGREES F.  
Spec Gravity: 1.030 GMS/CC  
Vapor Pressure: 12 MM/HG  
Vapor Density: NOT DETERMINED  
Solubility: 100%  
Volatiles: <1%  
Evaporation: NOT DETERMINED  
Melting Point: NOT APPLICABLE  
Appearance: AMBER LIQUID, SLIGHT HYDROCARBON ODOR.

III. INGREDIENTS

| Material                     | CAS Number | Percent | TLV             | Hazard        |
|------------------------------|------------|---------|-----------------|---------------|
| ETHOXYLATED OCTYLPHENOL      | 09002-93-1 | 5.50    | NOT ESTABLISHED | EYE IRRITANT  |
| PARAFFIN/NAPHTHENIC SOLVENTS | 64742-47-8 | 30.00   | TWA 350 MG/M3   | SKIN IRRITANT |
| INERT INGREDIENTS            |            | 64.50   | NOT APPLICABLE  | NONHAZARDOUS  |

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 DEGREES F.  
Autoignition Temp: NOT DETERMINED  
Flammable Limit: NOT APPLICABLE  
Extinguishing Media: THIS PRODUCT WOULD NOT BE EXPECTED TO BURN UNLESS ALL THE WATER IS BOILED AWAY. THE REMAINING ORGANICS MAY BE IGNITABLE.  
Special Fire Fight Proc: WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. DIKE

Material Safety Data Sheet

Effective Date: 23-JAN-2000  
Product: NALCO-TROL SPRAY ADJUVANT

---

Fire and Expl Hazard: USE WATER SPRAY TO COOL FIRE-EXPOSED  
CONTAINERS.  
AREA TO PREVENT RUNOFF OF FIRE FIGHTING WATER.

---

V. HEALTH HAZARD

---

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

---

Swallowing: LOW TOXICITY; ACUTE ORAL LD50 (ALBINO RAT) =  
2,000 MG/KG.  
Skin Absorption: LOW TOXICITY; ACUTE DERMAL LD50 (ALBINO RAT) =  
2,000 - 4,000 MG/KG.  
Inhalation: NO HAZARD EXPECTED.  
Skin contact: PROLONGED SKIN CONTACT MAY CAUSE MILD  
IRRITATION.  
Eye Contact: DIRECT EYE CONTACT WITH LIQUID MAY CAUSE  
IRRITATION.  
Chronic Effects: NONE CURRENTLY KNOWN.  
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

---

Swallowing: GIVE 2 TO 4 GLASSES OF WATER. DO NOT INDUCE  
VOMITING. CONSULT A PHYSICIAN IMMEDIATELY.  
Skin: WASH SKIN THOROUGHLY WITH SOAP AND WATER. IF  
IRRITATION DEVELOPS, CONSULT A PHYSICIAN.  
Inhalation: MOVE TO FRESH AIR IF IRRITATION IS NOTED.  
CONSULT A PHYSICIAN IF IRRITATION PERSISTS.  
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. NO SPECIFIC ANTIDOTE IS KNOWN.

---

VI. REACTIVITY

---

Stability: Stable  
Conditions to Avoid: AVOID CONTACT WITH STRONG OXIDIZERS.  
Polymerization: Will Not Occur  
Conditions to Avoid: NONE CURRENTLY KNOWN.  
Incompatibility material: AVOID WATER CONTAMINATION WHICH CAN CAUSE  
GELLING.  
Hazardous Combustion: MAY PRODUCE OXIDES OF CARBON OR NITROGEN UNDER  
FIRE CONDITIONS.

Material Safety Data Sheet

Effective Date: 23-JAN-2000  
Product: NALCO-TROL SPRAY ADJUVANT

-----  
-----  
VII. SPILL OR LEAK PROCEDURES  
-----

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

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.

Other precaution: STORE IN A SECURE AND DRY AREA, AWAY FROM ANY OXIDIZERS.

THIS MATERIAL IS NOT REGULATED UNDER RCRA OR CERCLA ("SUPERFUND").

-----  
-----  
X. SHIPPING INFORMATION  
-----

Shipping name: NOT REGULATED BY DOT, IATA, OR IMDG.

Hazard Class: NONE REQUIRED

Identification No: NONE

Labels Required: NONE REQUIRED

Placarding: NONE

Freight Class: ADJUVANT, SPREADER OR STICKER, LIQUID, NOIBN

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

09-APR-2003 08:26:51  
Page 4 Of 4

Material Safety Data Sheet

Effective Date: 23-JAN-2000  
Product: NALCO-TROL SPRAY ADJUVANT

---

| 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  
Helena Chemical Company believes that the data contained herein is factual.  
This data is not to be taken as a warranty or representation of legal  
responsibility. It is offered solely for your consideration, investigation  
and verification.