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Helena Chemical Company 29-JUL-2002 11:07:41 PH: 901-761-0050 CHEMTREC: 800-424-9300

# Material Safety Data Sheet

Effective Date: 23-JAN-2000

Product: SPRET

#### I. IDENTIFICATION

Chemical Name: NONIONIC SURFACTANT

Chemical Family: SURFACTANTS

Formula: NOT APPLICABLE, FORMULATED MIXTURE.

Synonyms: 80% NONIONIC SURFACTANT

CAS Number: SEE INGREDIENT STATEMENT, SECTION III.

EPA Number: NONE REQUIRED

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#### II. PHYSICAL DATA

Boiling Point: >200 DEGREES F. Freezing Point: <35 DEGREES F. Spec Gravity: 1.000 GMS/CC Vapor Pressure: NOT DETERMINED

Vapor Density: 2.1 Solubility: 100% Volatiles: 4 - 5%

Evaporation: NOT DETERMINED Melting Point: NOT APPLICABLE

Appearance: CLEAR/YELLOW LIQUID, ALCOHOL ODOR

## III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
ARYL ALKYL POLYOXYETHYLENE GLYCOL ETHER		80.00	983 MG/M3	MILD SKIN & EYE IRRITANT
METHYL PROPANOL	00078-92-2	20.00	303 MG/KG	MILD SKIN & EYE IRRITANT

## IV. FIRE AND EXPLOSION HAZARD

Flash Point: >150 DEGREES F. Autoignition Temp: 750 DEG F (ESTIMATE)

Flammable Limit: NOT APPLICABLE

Extinguishing Media: ALCOHOL FOAM, DRY CHEMICAL AND CARBON DIOXIDE. 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

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Carcinogen Information: NONE CURRENTLY KNOWN.

#### ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: NONE CURRENTLY KNOWN. Skin Absorption: NONE CURRENTLY KNOWN. Inhalation: NONE CURRENTLY KNOWN.

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

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Swallowing: GIVE 2 TWO 4 GLASSES OF WATER AND INDUCE

VOMITING. CONSULT A PHYSICIAN.

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.

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### VI. REACTIVITY

Stability: Stable

Conditions to Avoid: EXCESSIVE TEMPERATURES AND OPEN FLAMES.

Polymerization: Will Not Occur

Conditions to Avoid: NONE CURRENTLY KNOWN. Incompatibility material: NONE CURRENTLY KNOWN.

Hazardous Combustion: MAY PRODUCE OXIDES OF CARBON UNDER FIRE

CONDITIONS.

### 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.

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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

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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.

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IX. SPECIAL PRECAUTIONS

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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.

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.

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X. SHIPPING INFORMATION

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Shipping name: REGULATED BY DOT IN SINGLE CONTAINERS OF 119

GALLONS OR MORE.

Hazard Class: NONE Identification No: NONE

Labels Required: NONE REQUIRED Placarding: NONE REQUIRED

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

Chemical Name Equivalent R.Q.

NOT APPLICABLE NOT APPLICABLE Helena Chemical Company 29-JUL-2002 11:07:41 PH: 901-761-0050 Page 4 Of 4

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## XI. GENERAL PRODUCT INFORMATION

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National Fire Protection Association Rating:

(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum

Health: 1 Fire: 2 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: Y

Reactive: N

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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.