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ALTANA INC; BYK PHARMACEUTICAL GROUP

SURGILUBE

SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: SURGILUBE

Manufacturer Name: ALTANA INC; BYK PHARMACEUTICAL GROUP

Address:

60 BAYLIS ROAD

City: MELVILLE

State: NY

Zip: 11747-3806

Country: US

Business Phone: 516-454-6996

For information in North America, call: 516-454-6996

Health Phone: 516-454-7677(DAY) OR 516-454-7692

Manufacturer MSDS Creation Date:

12/21/1989

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SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Percent	
1,2-PROPANEDIOL; (PROPYLENE GLYCOL)	57-55-6	10	

RTECS:

TY2000000

OSHA PEL TWA: NOT APPLICABLE

ACGIH TLV TWA: NOT APPLICABLE

ACGIH STEL/Ceiling: N/P

Comments:

Other REC Limits: N/K ; Ozone Depleting Chemical: N ;

Chemical Name	CAS#	Percent	
PROPYLENE OXIDE (SARA III)	75-56-9	<0.025	

RTECS:
TZ2975000

OSHA PEL TWA: 100 PPM
ACGIH TLV TWA: 20 PPM; 9293
ACGIH STEL/Ceiling: N/P
Comments:

Other REC Limits: 100 PPM (MFR) ; EPA Rpt Qty: 100 LBS ; DOT Rpt Qty: 100 LBS ; Ozone Depleting Chemical: N ;

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SECTION 3 : HAZARDS IDENTIFICATION

Applies to all Ingredients.:

Route of Exposure:
Inhalation: NO Skin: YES Ingestion: YES

Potential Health Effects:
CHRONIC: MAY PRODUCE ALLERGIC RESPONSE IN SENSITIVE INDIVIDUALS.
INHALATION: NOT LIKELY DUE TO PHYSICAL STATE OF PRODUCT. EYES: MAY CAUSE SLIGHT IRRITATION. SKIN: NONE EXPECTED UNDER NORMAL CONDITIONS OF USE. INGEST: MAY CAUSE MILD NAUSEA AND/OR VOMITING.

Carcinogenicity:
PROPYLENE OXIDE :IARC-2A, NTP-2.

OSHA Designation: NO
NTP Designation: YES
IARC Designation: YES

Signs/Symptoms:
PRACTICALLY NON-TOXIC.

Aggravation of Pre-Existing Conditions:
IRRITATION OF SKIN IN SENSITIVE INDIVIDUALS.

LD 50 LC 50 Mixture
NONE SPECIFIED BY MANUFACTURER.

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SECTION 4 : FIRST AID MEASURES

First Aid

EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MIN. SKIN: WASH WITH PLENTY OF WATER. INGEST: GIVE TWO GLASSES OF WATER AND INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

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SECTION 5 : FIRE FIGHTING MEASURES

Flash Point:

UNKNOWN

Flash Point Method:

N/P

Upper Flammable or Explosive Limit: UNKNOWN

Lower Flammable or Explosive Limit: UNKNOWN

Auto Ignition Temperature: N/K

Extinguishing Media:

ALCOHOL FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Instructions:

WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire Hazards:

AVOID MIXING WITH STRONG OXIDIZERS AND SOURCES OF HEAT.

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SECTION 6 : ACCIDENTAL RELEASE MEASURES

Leak Response:

ASSURE SLIPPERY CONDITIONS ARE NULLIFIED. ADD SAND OR DIRT. SCOOP UP AND REMOVE. DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Other Precautions:

STORE AT ROOM TEMPERATURE.

Neutralizing Agent

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SECTION 7 : HANDLING and STORAGE

Handling:

KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE
NEAR HEAT, FLAME OR OXIDIZERS.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

Ventilation System:

GENERAL VENTILATION.

Hand Protection Description:

IMPERVIOUS GLOVES

Eye/Face Protection:

CHEMICAL WORKERS GOGGLES

Respiratory Protection:

USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF
CONCERN.

Other Protective:

AS NEEDED TO PREVENT REPEATED/PROLONGED CONTACT.

Other:

NONE

Work Hygienic Practices

NORMAL HYGIENE.

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SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:

ESSENTIALLY ODORLESS, SMOOTH, TRANSLUCENT GEL THAT HAS SLIGHT
LAVENDER ODOR.

pH:

4-7

Decomposition Temperature:

UNKNOWN

Vapor Pressure:
UNKNOWN

Vapor Density:
UNKNOWN

Boiling Point:
212F,100C

Melting Point:
UNKNOWN

Solubility In Water:
COMPLETE

Specific Gravity:
1.0@20C

Evaporation Point:
0.02 (DIETHYL ETHER REF)

Percent Volatile:
85

Viscosity:
UNKNOWN

Other:
Corrosion Rate: UNKNOWN

Comment:
NRC/State LIC Number: N/R

HCC
N1

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SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability:
YES

Conditions to Avoid:
NOT APPLICABLE

INCOMPATIBILITIES WITH OTHER MATERIALS:

HEAT, FLAME AND OXIDIZERS.

Hazardous Polymerization:

NO

Hazardous Decomposition Products:

MAY EMIT TOXIC FUMES.

Conditions To Avoid Polymerization

NOT APPLICABLE

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SECTION 11 : TOXICOLOGICAL INFORMATION

Toxicological Paragraph:

N/P

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SECTION 12 : ECOLOGICAL INFORMATION

Ecological Paragraph:

N/P

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SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal:

ASSURE CONFORMITY WITH APPLICABLE DISPOSAL REGULATIONS. DISPOSE OF ABSORBED MATERIAL AT APPROVED INCINERATION OR CHEMICAL LANDFILL WASTE DISPOSAL SITE. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS (FP N).

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SECTION 14 : TRANSPORT INFORMATION

Transportation Information:

N/P

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SECTION 15 : REGULATORY INFORMATION

Applies to all ingredients:

SARA:

N/P

US Federal:

N/P

State:

N/P

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SECTION 16 : ADDITIONAL INFORMATION

MSDS Author:

UNKNOWN

Disclaimer:

Please note that although the information, opinions and recommendations contained in these Material Safety Data Sheets are compiled from sources believed to be reliable, we accept no responsibility for the accuracy, sufficiency, or reliability or for any loss or injury resulting from the use of the information. Newly discovered hazards are frequent and this information may not be completely up to date.

Other Information

N/P

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