

1. PRODUCT AND COMPANY IDENTIFICATION

NAME: CONCENTRATED EMULSIFIER  
USE: LAUNDRY DETERGENT  
MSDS# 100323C

US CHEMICAL, 316 HART STREET, WATERTOWN, WI 53094 USA  
MEDICAL EMERGENCY #: 1-800-851-7145 EXT. 075 USA  
SPILL EMERGENCY #: 1-800-424-9380 USA  
PRODUCT INFORMATION #: 1-800-558-9566 (8 A.M. TO 5 P.M. CST MONDAY TO FRIDAY)  
INTERNET ADDRESS: WWW.USCHEMICAL.COM  
REVIEWED 12-2-04 REVISED 12-2-04 SECTION REVISED: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION! MAY BE MODERATELY IRRITATING TO EYES AND SKIN.

PRINCIPLE ROUTES OF EXPOSURE: EYES, SKIN, INGESTION, INHALATION.

POTENTIAL ACUTE HEALTH EFFECTS:  
EYES: MAY BE MODERATELY IRRITATING TO EYES.  
SKIN: MAY BE MODERATELY IRRITATING TO SKIN.

INHALATION: MAY BE IRRITATING TO NOSE, THROAT AND RESPIRATORY TRACT.

INGESTION: MAY BE IRRITATING TO MOUTH, THROAT AND STOMACH. MAY CAUSE ABDOMINAL DISCOMFORT, NAUSEA, VOMITING AND DIARRHEA.

MEDICAL CONDITIONS AGGRAVATED: PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTABLE TO IRRITATING EFFECTS.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	% BY WT	LC50/LD50
ISOPROPYL ALCOHOL	67-63-0	1.0 - 5.0	N.A.V.

STATE RIGHT TO KNOW: THIS PRODUCT CONTAINS:  
NONOXYNOL/9018-45-9, PROPYLENE GLYCOL/57-55-6, WATER/7732-18-5,  
ISOPROPYL ALCOHOL/67-63-0

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION Page 3 of 4

EXPOSURE LIMITS:  
ISOPROPYL ALCOHOL = 200 PPM TWA, 400 PPM STEL (ACGIH), 400 PPM TWA (OSHA)  
ENGINEERING CONTROLS: NONE REQUIRED. GENERAL ROOM VENTILATION IS ADEQUATE.

PERSONAL PROTECTION  
EYES: SAFETY GLASSES WITH SIDE SHIELDS RECOMMENDED IF SPRAYING.  
HANDS: FOR PROLONGED OR REPEATED CONTACT WITH SKIN: RUBBER GLOVES.  
RESPIRATORY: N.A.P.  
FEET: N.A.P.  
BODY: N.A.P.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR: COLORLESS  
ODOR: SOLVENT  
pH CONCENTRATE: 7.0  
pH @ 2500 PPM SOLUTION: N.A.P.  
pH @ USE DILUTION: N.A.P.  
PHYSICAL STATE: LIQUID  
SPECIFIC GRAVITY: 1.010  
VISCOSITY: VISCOUS  
BOILING POINT: N.A.P.  
MELTING POINT: N.A.P.

FLASH POINT: N.A.P.  
UEL: N.A.P.  
LEL: N.A.P.  
EVAPORATION RATE: N.A.P.  
ODOR THRESHOLD: N.A.P.  
VAPOR PRESSURE: N.A.P.  
VAPOR DENSITY: N.A.P.  
COEFF. OIL/WATER: N.A.P.  
WATER SOLUBILITY: COMPLETE  
OTHER: N.A.P.

10. STABILITY AND REACTIVITY

STABLE: YES  
CONDITIONS TO AVOID: AVOID TEMPERATURES BELOW 35°F OR ABOVE 120°F.

MATERIALS TO AVOID: AVOID MIXING DIRECTLY WITH ANY OTHER CLEANING PRODUCT. AVOID OXIDIZING AGENTS. MIX ONLY WITH WATER.

DECOMPOSITION PRODUCTS: FIRE OR MIXING WITH INCOMPATIBLE MATERIALS MAY PRODUCE OXIDES OF CARBON AND OTHER TOXIC OR IRRITATING FUMES.

POSSIBILITY OF HAZARDOUS REACTIONS: N.A.P.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS: SEE SECTION 2.  
CHRONIC EFFECTS: NONE KNOWN. NO REPORTABLE CARCINOGENS, MUTAGENS, SENSITIZERS, SYNERGISTIC MATERIALS, TERATOGENS, OR REPRODUCTIVE TOXINS.  
LC50/LD50: N.A.V.  
TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM.  
OTHER TOXIC EFFECTS: NONE KNOWN.

4. FIRST AID MEASURES Page 2 of 4

EYES: FLOOD WITH LUKEWARM (NOT HOT) WATER Poured FROM A LARGE GLASS 2 OR 3 INCHES FROM EYES. REMOVE CONTACTS. HAVE PATIENT BLINK AS MUCH AS POSSIBLE WHILE FLOODING THE EYES. CONTINUE FOR AT LEAST 15 MINUTES.  
SKIN: REMOVE CONTAMINATED CLOTHES, THEN FLOOD WITH WATER.  
INHALATION: MOVE VICTIM TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF PATIENT IS NOT BREATHING.  
INGESTION: DO NOT INDUCE VOMITING. IF PATIENT IS CONSCIOUS AND CAN SWALLOW, ADMINISTER MILK OR WATER.  
ADMINISTER FIRST AID TREATMENT AS STATED ABOVE, THEN CALL 1-800-851-7145 EXT. 075 OR CONTACT PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.

NOTE TO PHYSICIAN: CALL 1-800-851-7145 EXT. 075 FOR ASSISTANCE WITH THE MANAGEMENT OF EXPOSURES.

5. FIRE-FIGHTING MEASURES

FLAMMABILITY: NO HAZARD.  
FLASH POINT: N.A.P.  
PRODUCTS OF COMBUSTION: SEE SECTION 10.  
SUITABLE EXTINGUISHING MEDIA: FOR FIRES IN AREA, USE APPROPRIATE MEDIA. FOR EXAMPLE: WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, OR ALCOHOL FOAM.  
SPECIFIC HAZARDS: N.A.P.  
SPECIFIC METHODS: NORMAL FIRE FIGHTING PROCEDURES MAY BE USED.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: SEE SECTION 8.  
SPILL RESPONSE: EVACUATE UNPROTECTED PERSONNEL FROM AREA. WEAR PROPER PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS. VENTILATE AREA IF NEEDED. STOP LEAK IF YOU CAN DO SO WITHOUT RISK. DIKE OR DAM LARGE SPILLS. AVOID DIRECT DISCHARGE TO SEWER AND SURFACE WATERS. PUMP TO CONTAINER OR SOAK UP WITH NON-COMBUSTIBLE INERT ABSORBENT MATERIALS. AFTER SPILL COLLECTION, FLUSH AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES. BE CAREFUL AS SPILLS ARE SLIPPERY.

7. HANDLING AND STORAGE

HANDLING: FOLLOW ALL LABEL DIRECTIONS. INSTRUCT PERSONNEL ABOUT PROPER USE, HAZARDS, PRECAUTIONS, AND FIRST AID MEASURES. AVOID INGESTION AND CONTACT WITH EYES. DO NOT TASTE OR SWALLOW. REMOVE AND WASH CONTAMINATED CLOTHING AND FOOTWEAR BEFORE RE-USE. PRODUCT RESIDUE MAY REMAIN ON OR IN EMPTY CONTAINERS. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.

STORAGE: ROTATE STOCK REGULARLY. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID TEMPERATURES BELOW 35°F OR ABOVE 120°F. PROTECT FROM FREEZING. STORAGE AT AMBIENT TEMPERATURES IN A DRY AREA OUT OF DIRECT SUNLIGHT IS RECOMMENDED. KEEP AWAY FROM FOOD AND DRINK. KEEP OUT OF CHILDREN'S REACH.

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NOT AVAILABLE.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL AND LOCAL LAWS AND REGULATIONS. CONSULT STATE AND LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE. MANAGE CHEMICAL WASTES THROUGH AN APPROVED WASTE TREATMENT FACILITY. DO NOT REUSE EMPTY CONTAINER. RINSE EMPTY CONTAINER THOROUGHLY WITH WATER BEFORE DISCARDING CONTAINER IN ACCORDANCE WITH CURRENT LOCAL COMMUNITY CODES. PLEASE RECYCLE EMPTY CONTAINER WHENEVER POSSIBLE.

14. TRANSPORT INFORMATION

DOT/IDG: NOT REGULATED  
DOT RD: N.A.P.  
DOT ERG #: N.A.P.

15. REGULATORY INFORMATION

EPA CERCLA RD: N.A.P.  
EPA REGISTERED: NO  
EPA %VOC: 2.00  
EPA VOC RULE: PRODUCT COMPLIES WITH THE EPA VOC EMISSIONS STANDARD.  
KOSHER (CRC): YES  
OSHA HAZARDOUS: YES  
PHOSPHORUS CONTENT: 0.00%  
PROPOSITION 65: N.A.P.  
SARA 311/312 HAZARDS: ACUTE  
SARA 313 CHEMICALS: N.A.P.  
STATE RIGHT TO KNOW: SEE SECTION 3 FOR STATE RTK CHEMICAL NAMES.  
TSCA INVENTORY STATUS: ALL COMPONENTS ARE LISTED ON THE INVENTORY.  
WHMIS CLASS: D-28

16. OTHER INFORMATION

NFPA RATING: HEALTH-2/FLAMMABILITY-0/REACTIVITY-0/SPECIAL HAZARD-N.A.P.  
HMIS RATING: HEALTH-2/FLAMMABILITY-0/REACTIVITY-0/PERSONAL PROTECTION-SEE R.D.

N.A.V. = NOT AVAILABLE N.A.P. = NOT APPLICABLE PREPARED BY: HEALTH AND SAFETY

NOTICE TO READER  
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M A T E R I A L S A F E T Y D A T A S H E E T

Self Leveling Filler

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PRODUCT NAME: Self Leveling Filler  
PRODUCT CODE: SLF

*Larry D. / KOTC*

HMIS CODES: H F R P  
2 0 0 E  
REC'D JUN 16 2005

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Polymerica Inc.  
ADDRESS : 609 Fertilla Street  
Carrollton, GA 30117

EMERGENCY PHONE : 1-800-535-5053 DATE PRINTED : 17/10/2001  
INFORMATION PHONE : 770-830-7434 NAME OF PREPARER : MIKE LOWE

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT PERCENT
		MM HG @	TEMP	
Quartz Quartz: ACGIH TLV 0.1 mg/m3	14808-60-7	10	1730 C	40% TO 50%
Quartz Quartz: ACGIH TLV 0.1 mg/m3	14808-60-7	10	1730 C	30% TO 40%
Silicon Dioxide Quartz: ACGIH 0.1 mg/m3	14808-60-7	10	1732 C	10% TO 20%

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: N/D SPECIFIC GRAVITY (H2O=1): 2.65  
VAPOR DENSITY: N/A EVAPORATION RATE: N/A  
COATING V.O.C.: . lb/gl MATERIAL V.O.C.: . lb/gl  
SOLUBILITY IN WATER: NIL.  
APPEARANCE AND ODOR: Grainy solid. Odorless.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/D METHOD USED: N/D  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/D UPPER: N/D  
EXTINGUISHING MEDIA: Wear positive pressure self contained breathing apparatus because of microcrystalline dust exposure.

SPECIAL FIREFIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

SECTION V - REACTIVITY DATA

STABILITY: Stable.  
CONDITIONS TO AVOID  
None

INCOMPATIBILITY (MATERIALS TO AVOID)  
None known.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

This product does not decompose.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Non-toxic, but excessive exposure can cause delayed lung damage (silicosis).

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Not expected to cause irritation with normal use.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Not likely to happen in course of normal use.

HEALTH HAZARDS (ACUTE AND CHRONIC)

CARCINOGENICITY: NTP CARCINOGEN: IARC MONOGRAPHS: Limited evidence OSHA REG

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Dust allergies, respiratory diseases.

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with water. Get medical attention if irritation persists.

Skin: Wash with soap and water.

Ingestion: Drink large amount of milk or water.

Inhalation: Remove to fresh air.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up and dispose of in sanitary landfill.

WASTE DISPOSAL METHOD

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Grinding or abrasive action to cured product containing LSF/SLF can generate microcrystalline dust. Wear a dust mask.

OTHER PRECAUTIONS

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION

Avoid breathing dust. Use dust mask if TLV is exceeded.

VENTILATION

Mechanical ventilation is required if TLV is expected to be exceeded in confined areas.

PROTECTIVE GLOVES

None required.

**M A T E R I A L S A F E T Y D A T A S H E E T**

Self Leveling Filler

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**EYE PROTECTION**

OSHA approved safety glasses or goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Wear appropriate clothing to minimize skin contact and abrasion. Wear safety glasses or goggles. Wear a dust mask while handling.

**WORK/HYGIENIC PRACTICES**

Avoid breathing vapor mist or spray. Provide eye wash fountain and safety shower. Wash hands thoroughly after use, before eating or smoking.

=====**SECTION IX - DISCLAIMER**=====

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