
MATERIAL SAFETY DATA SHEET

HELENA LABORATORIES
1530 Lindbergh Dr./P.O. Box 752
Beaumont, TX 77704-0752
USA Toll Free 800-231-5663

DATE PREPARED: 2/22/2011
REVISION: 8

1. IDENTIFICATION:

PRODUCT NAME: SUREPREP

PRODUCT NO: 1574

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2. HAZARDOUS INGREDIENTS:

Table with 3 columns: CHEMICAL NAME/COMMON NAME, CAS #, %. Row 1: TPC, PROPRIETARY, 100.0

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ATTACHED IS THE MSDS FOR THE ABOVE NAMED HAZARDOUS INGREDIENT.

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1. IDENTIFICATION:

NAME: TPC

CAS #: PROPRIETARY

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2. CHEMICAL COMPOSITION:

| CHEMICAL NAME/COMMON NAME | CAS # | % | EXPOSURE LIMITS | |
|---------------------------|----------|-------|-----------------|----------------|
| | | | OSHA PEL | ACGIH TLV |
| ETHYL ALCOHOL | 64-17-5 | 69-75 | | 1000PPM |
| ISOPROPYL ALCOHOL | 67-63-0 | 9-15 | | 400PPM |
| MONOETHYL SULFATE | 540-82-9 | 0.5-4 | | NOT DETERMINED |

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NA = Not Applicable
NL = Not Listed

NE = Not Established
NIF = No Information Found

3. HAZARD IDENTIFICATION:

EMERGENCY OVERVIEW: FLAMMABLE

PRIMARY ROUTE(S) OF ENTRY:

INHALATION? X SKIN? INGESTION?

ACUTE EFFECT OF OVEREXPOSURE:

EYES: MAY CAUSE EYE IRRITATION.

INHALATION: VAPORS MAY CAUSE DROWSINESS AND/OR DIZZINESS.

CHRONIC EFFECTS OF EXPOSURE: NIF

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4. FIRST AID MEASURES:

EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER. OBTAIN MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION.

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5. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT (METHOD USED): 19°C

FLAMMABLE LIMITS: NIF LEL UEL

EXTINGUISHING MEDIA: USE CARBON DIOXIDE OR DRY CHEMICAL ON SMALL FIRES. USE FOAM (ALCOHOL, POLYMER OR ORDINARY) AND WATER SPRAY FOR LARGE FIRES.

SPECIAL FIRE FIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. KEEP FIRE-EXPOSED CONTAINERS COOL WITH WATER.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NIF

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6. SPILL OR LEAK PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

REMOVE FROM SOURCE OF IGNITION AND DILUTE AREA WITH WATER. MOP OR SOAK UP SPILLAGES IN ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR DISPOSAL.

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7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN WELL VENTILATED AREAS AT TEMPERATURE BELOW 120°F AND AWAY FROM IGNITION SOURCE.

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8. EXPOSURE CONTROL/PERSONAL PROTECTION:

RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSH/MSHA APPROVED

VENTILATION: LOCAL EXHAUST: X MECHANICAL: OTHER:

PROTECTIVE GLOVES: USE RUBBER GLOVES WHEN TRANSFERRING BULK QUANTITIES.

EYE PROTECTION: EYE PROTECTION IS RECOMMENDED WHEN TRANSFERRING BULK QUANTITIES.

OTHER PROTECTIVE EQUIPMENT: APPROPRIATE PPE

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9. PHYSICAL DATA:

BOILING POINT: 78°C SPECIFIC GRAVITY (H2O = 1): NE pH: NA

VAPOR PRESSURE (MM HG.): 33 MELTING POINT: NOT DETERMINED

VAPOR DENSITY (AIR = 1): >1

SOLUBILITY IN WATER: SOLUBLE APPEARANCE AND ODOR: CLEAR, COLORLESS LIQUID

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10. STABILITY AND REACTIVITY:

STABILITY: UNSTABLE: STABLE: X

INCOMPATIBILITY (MATERIALS TO AVOID): DO NOT MIX WITH OTHER CHEMICALS. AVOID EXCESSIVE HEAT, SPARKS AND FLAMES.

HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: NONE KNOWN

HAZARDOUS POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR: X

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11. TOXICOLOGICAL INFORMATION:

LD50/LC50: NOT DETERMINED

REPRODUCTIVE TOXICITY: NA

IRRITANCY, SENSITIVITY: NA

CARCINOGENICITY: NA NTP? IARC? OSHA?

POTENTIAL HEALTH EFFECTS: NA

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12. ECOLOGICAL INFORMATION: BIODEGRADABLE

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13. DISPOSAL CONSIDERATIONS: OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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14. TRANSPORTATION INFORMATION:

DOT:

PROPER SHIPPING NAME: FLAMMABLE LIQUID (ALCOHOL)

UN NUMBER: 1993

PACKING GROUP: II

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15. REGULATORY INFORMATION:

RISK PHRASES: FLAMMABLE - EYE IRRITANT

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16. OTHER INFORMATION:

NFPA:

HEALTH - 2 (SLIGHTLY HAZARDOUS); FLAMMABILITY - 4; REACTIVITY - 0 (STABLE)

The information herein is given in good faith but no warranty, expressed or implied, is made.