

MATERIAL SAFETY DATA SHEET  
PREPARED: 10/25/93  
REVISED: 8/31/04  
THEOCHEM LABORATORIES, INC.  
7373 ROWLETT PARK DRIVE  
TAMPA, FL 33610-1141

ENVISOL 2660  
EMERGENCY PHONE: (800) 255-3924  
NIGHTS/WEEKEND  
SOLD BY:  
THEOCHEM LABORATORIES, INC.

Disinfectant

HMIS/NFPA  
HEALTH 1  
FLAMMABILITY 3  
REACTIVITY 0

**SECTION II HAZARDOUS INGREDIENTS**

| % BY WGT HAZARDOUS INGREDIENTS (CAS #)   | OSHA PEL<br>TWA-8 | ACGIH TLV<br>TWA-8 | OTHER<br>LIMITS |
|--|-------------------|--------------------|-----------------|
| 10% N-ALKYL (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> )<br>DIMETHYL BENZYL AMMONIUM CHLORIDES | NONE              | NONE               |                 |
| 10% N-ALKYL (68% C <sub>12</sub> , 32% C <sub>14</sub> )<br>DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDES                                      |                   |                    |                 |
| PROPANE (74-98-6)  | 1000 PPM          | NOT ESTAB.         | N/A             |
| BUTANE (106-97-8)  | NOT ESTAB.        | 800 PPM            | N/A             |
| * 53% ISOPROPYL ALCOHOL (67-63-0)  | 400 PPM           | 400 PPM            | N/A             |

**SECTION 313 SUPPLIER NOTIFICATION**

\* INDICATES HAZARDOUS INGREDIENTS WHICH ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.

THE CHEMICAL NAME, CAS #, AND PERCENT BY WEIGHT INFORMATION MUST BE INCLUDED IN ALL MSDS COPIED AND DISTRIBUTED FOR THIS MATERIAL

**SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING POINT: NOT ESTAB. SPEC. GRAVITY(WATER=1): 0.85  
VAPOR PRESSURE (mm. HG): PSIG 46 MELTING POINT: N/A  
VAPOR DENSITY(AIR=1):N/A EVAPORATION RATE(BuAc=1): FASTER  
SOLUBILITY IN WATER: SOLUBLE  
pH OF CONCENTRATE: 9.6 ± 0.2  
APPEARANCE AND ODOR: LIGHT STRAW CLEAR LIQUID, CHARACTERISTIC LAVENDER SCENT

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

FLAMMABILITY AS PER USA FLAME PROJECTION TEST: FLAMMABLE.  
FLAMMABLE LIMITS: NOT ESTAB.  
LEL: N/A UEL: N/A  
EXTINGUISHING MEDIA: DRY CHEMICAL (B-C), WATER, ALCOHOL FOAM, CO2  
FIREFIGHTING PROCEDURES: KEEP CONTAINERS COOL. USE PROPER EQUIPMENT TO PROTECT FROM BURSTING CONTAINERS.  
UNUSUAL FIRE & EXPLOSION HAZARDS:CONTENTS UNDER PRESSURE. DO NOT EXPOSE TO TEMPERATURE EXCEEDING 120 F, CONTAINERS MAY VENT, RUPTURE OR BURST.

**SECTION V REACTIVITY DATA**

PRODUCT IS STABLE.  
CONDITIONS TO AVOID: OPEN FLAMES, TEMP OVER 120 F  
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO, CO2  
HAZARDOUS POLYMERIZATION WILL NOT OCCUR  
CONDITIONS TO AVOID:NONE

**SECTION VI HEALTH HAZARD DATA**

ROUTE(S) OF ENTRY:

INHALATION: YES SKIN: NO INGESTION: UNLIKELY

HEALTH HAZARDS (ACUTE &amp; CHRONIC): AVOID CONTACT WITH SKIN &amp; EYES, CAUSES IRRITATION. HARMFUL IF SWALLOWED.

CARCINOGENICITY: NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

SIGNS &amp; SYMPTOMS OF EXPOSURE: MAY CAUSE NASAL AND RESPIRATORY IRRITATION AT HIGH CONCENTRATIONS. EYE &amp; SKIN IRRITATION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOT KNOWN

**EMERGENCY AND FIRST AID PROCEDURES**

SKIN CONTACT: WASH WITH SOAP &amp; WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REWEARING.

EYE CONTACT: FLUSH WITH WATER FOR AT LEAST 15 MINS., GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.

INGESTION: DRINK MILK, EGG WHITES, GELATIN SOLUTION OR IF THESE ARE NOT AVAILABLE, DRINK LARGE QUANTITIES OF WATER. CALL A PHYSICIAN.

INHALATION: REMOVE VICTIM TO FRESH AIR, APPLY ARTIFICIAL RESPIRATION IF NECESSARY, GET MEDICAL ATTENTION.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

SPILL STEPS: WIPE, MOP OR FLUSH WITH WATER. SOAK UP WITH ABSORBENT MATERIAL.

WASTE DISPOSAL METHOD: WRAP CONTAINER IN NEWSPAPER AND PLACE IN TRASH. DO NOT PUNCTURE OR INCINERATE CONTAINER.

STORAGE &amp; HANDLING: STORE IN A DRY, COOL AREA AWAY FROM FOOD AND FEED. KEEP LID ON THIS CONTAINER WHEN NOT IN USE. CONTENTS ARE PRESSURIZED, DO NOT LEAVE IN A HOT CAR OR AN AREA WARMER THAN 120 DEGREES. \*\*\*\* KEEP OUT OF REACH OF CHILDREN \*\*\*\*\* DO NOT SPRAY TOWARDS FACE.

**SECTION VIII CONTROL MEASURES**

RESPIRATORY PROTECTION: NONE REQUIRED FOR NORMAL USE

VENTILATION: LOCAL EXHAUST: MAINTAIN ADEQUATE VENTILATION

SPECIAL: N/A

MECHANICAL: N/A

OTHER: N/A

PROTECTIVE GLOVES: RUBBER GLOVES

EYE PROTECTION: GLASSES OR GOGGLES

OTHER PROTECTIVE EQUIP/CLOTHING: NONE REQUIRED

WORK/HYGIENIC PRACTICES: WASH HANDS AFTER USE. STORE IN ACCORDANCE WITH NFPA 30B FOR LEVEL 2 AEROSOL.

WE BELIEVE ALL INFORMATION GIVEN IS ACCURATE. IT IS OFFERED IN GOOD FAITH, BUT WITHOUT GUARANTEE. SINCE CONDITIONS ARE BEYOND OUR CONTROL, USER ASSUMES ALL RESPONSIBILITY AND RISK.