

1/1

MATERIAL SAFETY DATA SHEET
HEALTH-3 FLAMMABILITY-3 REACTIVITY-0 PERSONAL PROTECTION-A

IDENTITY: 1342 DEOCEPT - DATED: 01-01-97

SECTION I - MANUFACTURED FOR
PRO CHEM, INC. - 1475 BLUEGRASS LAKES PARKWAY - ALPHARETTA, GA. 30201 - EMERGENCY AND INFORMATION#: (800) 241-8180

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME: ETHYL ALCOHOL.
OSHA PEL: 1000 PPM. ACGIH TLV: 1000 PPM. % RAW MTL: OTHER LIMITS: CAS#: 64-17-5.
CHEMICAL NAME: ISOBUTANE.
OSHA PEL: 800 PPM. ACGIH TLV: 800 PPM. % RAW MTL: OTHER LIMITS: CAS#: 75-28-5.
CHEMICAL NAME: PROPANE.
OSHA PEL: 1000 PPM. ACGIH TLV: ASPHYXIANT. % RAW MTL: OTHER LIMITS: CAS#: 74-98-6.
***THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY COMPOUND LISTED AND IN QUANTITIES REQUIRING REPORTING UNDER SARA TITLE III SECTION 313.
***ANY SUBSTANCE LISTED AS HAZARDOUS BY THE STATES OF CALIFORNIA, CONNECTICUT, FLORIDA, ILLINOIS, LOUISIANA, MASSACHUSETTS, NEW JERSEY, NEW YORK, PENNSYLVANIA OR RHODE ISLAND IS DESCRIBED ABOVE IF KNOWN PRESENT IN REGULATED CONCENTRATIONS.

SECTION III - PHYSICAL DATA

BOILING POINT: 176 DEG. F. **APPEARANCE:** CLEAR LIGHT YELLOW LIQUID WITH AN ALCOHOL AND FLORAL SCENT IN AN AEROSOL CAN
pH: 8.5 +/- 5
SOLUBILITY: COMPLETE **SPECIFIC GRAVITY (H20=1):** CONCENTRATE 0.83.
VAPOR PRESSURE (MMHG): (PSIG @ 70 DEG F) 60+/- 5 **MELTING POINT:** NO DATA
VAPOR DENSITY (AIR=1): NO DATA. **EVAPORATION RATE (ETHYL ETHER = 1):** NO DATA

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: **METHOD USED:** **USA FLAME PROJECTION TEST:** FLAMMABLE
FLAMMABILITY LIMIT: NO DATA **LEL:** NO DATA **UEL:** NO DATA
EXTINGUISHING MEDIA: USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG, WATER SPRAY
SPECIAL FIRE FIGHTING PROCEDURES: USE WATER SPRAY TO KEEP CONTAINERS COOL AND VAPORS DOWN. DO NOT ALLOW RUNOFF TO ENTER SEWERS OR PUBLIC WATERCOURSES. WEAR SELF-CONTAINED BREATHING APPARATUS IN CHEMICAL FIRES.
UNUSUAL FIRE AND EXPLOSION HAZARDS: AEROSOL CONTAINER (PRESSURIZED) MAY BURST IF HEATED OVER 130 DEG F.

SECTION V - REACTIVITY DATA

STABILITY: STABLE. **CONDITIONS TO AVOID:** EXTREME HEAT, DIRECT SUNLIGHT
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS AND OXIDIZERS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON DIOXIDE AND CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: NO. **CONDITIONS TO AVOID:** NONE KNOWN.

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: EYES? Y INHALATION? Y. SKIN? Y INGESTION? N
HEALTH HAZARDS (ACUTE AND CHRONIC): DANGER. FLAMMABLE. CONTENTS UNDER PRESSURE. CORROSIVE. CAUSES EYE DAMAGE. HARMFUL OR FATAL IF SWALLOWED. CAUSES SKIN IRRITATION.
CARCINOGENICITY: NONE KNOWN NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO
SIGNS AND SYMPTOMS OF EXPOSURE: REDNESS, TEARING OR BURNING IN EYES. REDNESS, DRYING OR CRACKING SKIN. NAUSEA AND VOMITING IF INGESTED.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PRE-EXISTING SKIN DISORDERS MAY BE ADVERSELY AFFECTED.
EMERGENCY AND FIRST AID PROCEDURES: EYES - IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF WATER, LIFTING EYELIDS TO INSURE COMPLETE REMOVAL. FLUSH FOR 15 MINUTES MINIMUM. CONSULT A PHYSICIAN. INGESTION - IMMEDIATELY DRINK A LARGE QUANTITY OF WATER. CONTACT A PHYSICIAN IMMEDIATELY. INHALATION - GET TO FRESH AIR. IF BREATHING HAS STOPPED, QUALIFIED PERSONNEL SHOULD ADMINISTER ARTIFICIAL RESPIRATION. SKIN - FLUSH WITH WATER 15 MINUTES MINIMUM. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ISOLATE TRAFFIC AND VENTILATE AREA. ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE GEAR AS NECESSARY. DIKE TO PREVENT SPREAD. PICKUP WITH AN ABSORBENT MATERIAL. PUT IN SUITABLE CONTAINER FOR PROPER DISPOSAL.
WASTE DISPOSAL METHOD: DO NOT REUSE EMPTY CONTAINER. WRAP AND DISCARD IN TRASH. DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. WASTES RESULTING FROM THE USE OF THIS PRODUCT MAY BE DISPOSED OF ON SITE OR AT AN APPROVED WASTE DISPOSAL FACILITY. DO NOT PUNCTURE OR INCINERATE CONTAINER. FOLLOW LABEL DIRECTIONS CAREFULLY FOR DISPOSAL OF INFECTIOUS WASTES.
*DISCARD CONTAINER IF ALLOWED BY APPLICABLE STATUTES. CONSULT LOCAL, STATE, AND FEDERAL REGULATIONS.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: FLAMMABLE. CONTENTS UNDER PRESSURE. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. DO NOT PUNCTURE OR INCINERATE CONTAINER. STORE IN A COOL (UNDER 120 DEG F) LOCATION. DO NOT USE OR STORE NEAR IGNITION SOURCES SUCH AS HEAT, SPARKS, OPEN FLAME, AND DIRECT SUNLIGHT. DIRECT SPRAY AWAY FROM FACE. REPLACE CAP WHEN NOT IN USE. STORE CONTAINERS INDOORS AND IN A DRY AREA. KEEP FROM FREEZING.
OTHER PRECAUTIONS: FOLLOW LABEL DIRECTION CAREFULLY. KEEP OUT OF REACH OF CHILDREN. DO NOT DELIBERATELY CONCENTRATE AND INHALE VAPORS. DO NOT GET IN EYES. DO NOT GET ON SKIN OR ON CLOTHING.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. IF PELS OR TLV'S ARE EXCEEDED (SEE SECTION II), USE AN APPROVED NIOSH/MSHA RESPIRATOR.
VENTILATION: LOCAL EXHAUST: NOT USUALLY NECESSARY **MECHANICAL (GENERAL):** Y **SPECIAL:** NONE **OTHER LIMITS:** NONE
PROTECTIVE GLOVES: YES (RUBBER) **EYE PROTECTION:** GOGGLES OR FACE SHIELD
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NOT USUALLY NECESSARY
WORK & HYGIENIC PRACTICES: NORMAL. WASH THOROUGHLY BEFORE EATING, DRINKING, SMOKING, USING RESTROOMS, ETC.

MATERIAL SAFETY DATA SHEET

HEALTH - FLAMMABILITY - REACTIVITY - PERSONAL PROTECTION

IDENTITY - CAS# - DATE: 91-61-91

SECTION I - MANUFACTURED FOR
MID CHEM, INC. - 1471 BLUEGRASS LAKES PARKWAY - ALPHARETTA, GA 30801 - EMERGENCY AND INFORMATION: (800) 241-8180

SECTION II - HAZARDOUS INGREDIENTS

Table with columns for Chemical Name, CAS#, and Hazardous Ingredients. Includes entries for Ethyl Alcohol, Methyl Methacrylate, and Methyl Methacrylate Monomer.

SECTION III - PHYSICAL DATA

Appearance: Clear light yellow liquid with an alcohol odor. Boiling Point: 148.5 deg F. Solubility: Complete. Vapor Pressure: 10.5 mm Hg (20 deg C).

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point: 148.5 deg F. Flammability: Liquid. Lower Flammable Limit: 1.5% by volume. Upper Flammable Limit: 11.5% by volume.

SECTION V - REACTIVITY DATA

Reactivity: Stable. Conditions to Avoid: Extreme heat, direct sunlight, oxidizers, strong acids, and oxidizers.

SECTION VI - HEALTH HAZARD DATA

Routes of Entry: Inhalation, skin, eyes. Health Hazard: Irritation to eyes, skin, and respiratory tract. First Aid: Flush with water for 15 minutes.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Wear protective gear. Avoid contact with skin and eyes. Do not breathe vapors. Use in well-ventilated area. Do not mix with other chemicals.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Not usually necessary. Eye Protection: Goggles or face shield. Skin Protection: Protective clothing.