

B. D. CLASSIC ENTERPRISES, INC.

DATE OF PREPARATION 01/15/06

Material Safety Data Sheet

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LIQUID ILLUSION HARDENER
CHEMICAL NAME: ALKYL ETHER AMINE

COMPANY INFORMATION: B.D. CLASSIC ENTERPRISES
12903 SUNSHINE AVE.
SANTA FE SPRINGS, CA 90670
TELEPHONE # (562) 944-6177
CHEM TREC # 800-424-9300

24 HOUR EMERGENCY ASSISTANCE			GENERAL MSDS ASSISTANCE
CHEMTREC: (800)-424-9300			B.D.CLASSIC (562) 944-6177
ACUTE HEALTH→ 3	FIRE→1	REACTIVITY→0	HAZARD RATING→ LEAST - 0 SLIGHT - 1 MODERATE - 2 HIGH - 3 EXTREME - 4
*For acute and chronic health effects refer to the discussion in Section III			

SECTION 2 PRODUCT/INGREDIENT INFORMATION

No.	Composition	CAS #	%
1	POLY(OXY(METHYL-1,2-ETHANEDIYL),ALPHA-HYDRO-OMEGA-(2-AMINOMETHYLETHOXY)-, ETHER WITH 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL	39423-51-3	100%

THIS PRODUCT AND ITS COMPONENTS ARE NOT LISTED CARCINOGENS. THIS IS NOT INTENDED TO BE A COMPLETE COMPOSITIONAL DISCLOSURE. REFER TO SECTION 14 FOR APPLICABLE STATES' RIGHT TO KNOW AND OTHER REGULATORY INFORMATION.

PRODUCT IS HAZARDOUS ACCORDING TO OSHA (1910.1200). COMPONENT IS HAZARDOUS ACCORDING TO OSHA. EXPOSURE LIMITS REFERENCED BY SEQUENCE NUMBER IN THE COMPOSITON SECTION. SEQ. LIMIT NONE

SECTION 3 HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Appearance: Colorless liquid
Odor: Ammonia-like odor

LIQUID ILLUSION HARDENER

01/15/06

Warning Statement:

**DANGER! CORROSIVE – CAUSES EYE AND SKIN BURNS
HARMFUL OR FATAL IF SWALLOWED
HARMFUL IF ABSORBED THROUGH SKIN
CAUSES RESPIRATORY TRACT IRRITATION AND CAN CAUSE DAMAGE**

POTENTIAL HEALTH EFFECTS:

**ROUTES OF EXPOSURE: Eye Contact
Skin Absorption
Inhalation**

EFFECTS OF OVEREXPOSURE (ACUTE):

EYES: Causes irritation, experienced as pain, with excess redness and swelling of the eye and chemical burns of the eye. Severe eye damage may cause blindness.

SKIN: Causes severe irritation with pain, severe excess redness and swelling with chemical burns, blister formation, and possible tissue destruction. In addition to the potential skin irritation effects noted above, skin contact may result in other adverse health effects.

INHALATION: Vapors or mist, especially as generated from heating the material or as from exposure in poorly ventilated areas or confined spaces, are irritating and cause nasal discharge, coughing, and discomfort in nose and throat. Prolonged or repeated overexposure may result in lung damage.

INGESTION: Causes burning of mouth, throat, and stomach with abdominal and chest pain, nausea, vomiting, diarrhea, thirst, weakness, and collapse. Aspiration may occur during swallowing or vomiting, resulting in lung damage.

SENSITIZATION PROPERTIES: This product is not expected to be a human skin sensitizer based on animal data.

CHRONIC: Repeated skin contact may cause a persistent irritation or dermatitis. Repeated inhalation may cause lung damage.

Medical conditions aggravated by exposure: Skin contact may aggravate an existing Dermatitis (skin condition).

Overexposure to vapor, dust or mist may aggravate existing respiratory conditions, such as asthma, bronchitis, and inflammatory or fibrotic respiratory disease.

OTHER REMARKS: This product contains one or more amines which may produce temporary and reversible hazy or blurred vision. Symptoms disappear when exposure is terminated.

SECTION 4 FIRST AID MEASURES

EYES: Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart while flushing to rinse entire surface of eye and lids with water. Do not attempt to neutralize with chemical agents. Obtain medical attention immediately. Continue flushing for an additional 15 minutes if medical attention is not immediately available.

SKIN: Immediately remove contaminated clothing and shoes. Under a safety shower, flush skin thoroughly

with large amounts of running water for at least 15 minutes. Do not attempt to neutralize with chemical agents. Get medical attention immediately. Discard or decontaminate clothing and shoes before reuse.

INGESTION: If person is conscious and can swallow, immediately administer 2 glasses of water (16 oz). **DO NOT INDUCE VOMITING.** This material is corrosive. If vomiting occurs, give fluid again. Have a physician determine if condition of patient will permit induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person.

INHALATION: Move patient to fresh air. If breathing has stopped or is labored, clear person's airway and start artificial respiration. With a physician's advice, give supplemental oxygen using a bag-value mask or manually triggered oxygen supply.

OTHER INSTRUCTIONS: Swallowing of this corrosive material may result in severe ulceration, inflammation, and possible perforation of the upper alimentary tract, with hemorrhage and fluid loss. Aspiration of this product during induced emesis can result in severe lung injury. If evacuation of stomach is necessary, use method least likely to cause aspiration, such as gastric lavage after endotracheal intubation. Contact a poison control center for additional treatment information. Remove and dry-clean or launder clothing soaked or soiled with this material before reuse. Dry cleaning of contaminated clothing may be more effective than normal laundering. Inform individuals responsible for cleaning of potential hazards associated with handling contaminated clothing.

SECTION 5 FIRE – FIGHTING MEASURES

CHARACTERISTICS:

IGNITION TEMPERATURE – AIT (DEGREES F) Not determined.

FLASH POINT (DEGREES F) 385 (PMCC)

FLAMMABLE LIMITS (%)

UPPER EXPLOSION LIMIT (UEL) No Data

LOWER EXPLOSION LIMIT (UEL) No Data

RECOMMENDED FIRE EXTINGUISHING AGENTS AND SPECIAL PROCEDURES: Use water spray, dry chemical, foam or carbon dioxide to extinguish flames. Use water spray to cool fire-exposed containers. Water or foam may cause frothing.

UNUSUAL OR EXPLOSIVE HAZARDS: None

SPECIAL FIRE FIGHTING PROCEDURES: Wear special chemical protective clothing and positive pressure self-contained breathing apparatus. Approach fire from upwind to avoid hazardous vapors and toxic decomposition products. Decontaminate or discard any clothing that may contain chemical residues.

SECTION 6 ACCIDENTAL RELEASE MEASURES

FOR ALL TRANSPORTATION ACCIDENTS, CALL CHEMTREC AT 800-424-9300.

PROCEDURES IN CASE OF ACCIDENTAL RELEASE, BREAKAGE, OR LEAKAGE: Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment, including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

SECTION 7 HANDLING AND STORAGE

HANDLING: Minimum feasible handling temperatures should be maintained. Eye wash and safety shower should be available nearby when this product is handled or used.

STORAGE: Periods of exposure to high temperatures should be minimized. Water contamination should be avoided. If stored above 100F, a nitrogen atmosphere is recommended.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Avoid eye contact. Chemical type goggles with face shield must be worn. Do not wear contact lenses.

SKIN PROTECTION: Protective clothing such as coveralls or lab coats must be worn. Launder or dry-clean when soiled. Gloves resistant to chemicals and petroleum distillates required. When handling large quantities, impervious suits, gloves, and rubber boots must be worn.

RESPIRATORY PROTECTION: Airborne concentrations should be kept to lowest levels possible. If vapor, mist, or dust is generated and the occupational exposure limit of the product, or any component of the product, is exceeded, use appropriate NIOSH or MSHA approved air purifying or air supplied respirator after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content is unknown.

VENTILATION: Local exhaust ventilation recommended if generating vapor, dust, or mist. If exhaust ventilation is not available or inadequate, use MSHA or NIOSH approved respirator as appropriate.

EXPOSURE LIMIT FOR TOTAL PRODUCT: None established for product.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless Liquid
Odor:	Ammonia-like Odor
Boiling Point (degrees C):	Not determined
Melting/Freezing Point (degrees C):	Not determined
Specific Gravity (water=1):	0.9812
pH:	11.6
Vapor Pressure:	1 mm Hg at 357.0
Vapor Density:	>1
Viscosity:	71 cST at 25.0C
VOC Content:	Not determined
Solubility in Water (%):	>10
Other:	None

SECTION 10 STABILITY AND REACTIVITY

THIS MATERIAL REACTS VIOLENTLY WITH: If Others is checked below, see comments for details
 AIR WATER HEAT STRONG OXIDIZERS OTHERS NONE OF THESE

COMMENTS: This material reacts violently with acids.

PRODUCTS EVOLVED WHEN SUBJECTED TO HEAT OR COMBUSTION: Toxic levels of ammonia, combustion products of nitrogen, carbon monoxide, carbon dioxide, irritating aldehydes and ketones may be formed on burning in a limited air supply.

HAZARDOUS POLYMERIZATIONS: Do not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION (ANIMAL TOXICITY DATA)

MEDIAN LETHAL DOSE

ORAL: LD50 0.22 G/KG (Rat) Toxic

INHALATION: Believed to be practically non-toxic

DERMAL: LD50 0.61 G/KG (Rabbit) moderately toxic

IRRITATION INDEX, ESTIMATION OF IRRITATION (SPECIES)

SKIN: (Draize) 8.00/8.0 (Rabbit) corrosive

EYES: (Draize) Believed to be 80.00-110.00/110 (Rabbit) extremely Irritating.

SENSITIZATION: (Buehler) Negative – Skin (Guinea Pig)

OTHER: None

SECTION 12 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations mixtures, processes, etc. may render the resulting materials hazardous.

REMARKS: None

SECTION 13 TRANSPORTATION INFORMATION

DOT:

Proper Shipping Name:	Corrosive liquids, toxic, N.O.S. (polyoxypropylenetriamine)
Hazard Class:	8 (6.1)
Identification Number:	UN 2922
Packing Group:	III
Label Required:	Corrosive (toxic)

IMDG:

Proper Shipping Name:	Same as above
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CAUTION: MISUSE OF EMPTY CONTAINERS CAN BE HAZARDOUS. EMPTY CONTAINERS CAN BE HAZARDOUS IF USED TO STORE TOXIC, FLAMMABLE, OR REACTIVE MATERIALS. CUTTING OR WELDING OF EMPTY CONTAINERS MIGHT CAUSE FIRE, EXPLOSION OR TOXIC

FUMES FROM RESIDUES. DO NOT PRESSURIZE OR EXPOSE TO OPEN FLAME OR HEAT. KEEP CONTAINER CLOSED AND DRUM BUNGS IN PLACE.

PRODUCT LABEL: Read and understand Material Safety Data Sheet before handling or disposing of product. This label complies with the requirements of the OSHA hazard communication Standard (29 CFR 1910.1200) for use in the workplace. This label is not intended to be used with packaging intended for sale to consumers and may not conform with the requirements of the Consumer Product Safety Act or other related regulatory requirements.

WARNING STATEMENT

**CORROSIVE – CAUSES EYE AND SKIN BURN
HARMFUL OR FATAL IF SWALLOWED
HARMFUL IN ABSORBED THROUGH SKIN
CAUSES RESPIRATORY TRACT IRRITATION AND CAN CAUSE DAMAGE**

PRECAUTIONARY MEASURES:

- Do not get in eyes, on skin, or on clothing.
- Avoid breathing vapor, mist or gas.
- Use with adequate ventilation.
- Keep container closed
- Wash thoroughly after handling

FIRST AID

EYE CONTACT: Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart while flushing to rinse entire surface of eye and lids with water. Do not attempt to neutralize with chemical agents. Obtain medical attention immediately. Continue flushing for an additional 15 minutes if medical attention is not immediately available.

SKIN CONTACT: Immediately remove contaminated clothing and shoes. Under a safety shower, flush skin thoroughly with large amounts of running water for at least 15 minutes. Do not attempt to neutralize with chemical agents. Get medical attention immediately. Discard or decontaminate clothing and shoes before reuse.

INGESTION: If person is conscious and can swallow, immediately administer 2 glasses of water (16 oz). **DO NOT INDUCE VOMITING.** This material is corrosive. If vomiting occurs, give fluid again. Have a physician determine if condition of patient will permit induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person.

INHALATION: Move patient to fresh air. If breathing has stopped or is labored, clear person's airway and start artificial respiration. With a physician's advice, give supplemental oxygen using a bag-value mask or manually triggered oxygen supply.

NOTE TO PHYSICIAN: Swallowing of this corrosive material may result in severe ulceration, inflammation, and possible perforation of the upper alimentary tract, with hemorrhage and fluid loss. Aspiration of this product during induced emesis can result in severe lung injury. If evacuation of stomach is necessary, use method least likely to cause aspiration, such as gastric lavage after endotracheal intubation. Contact a poison control center for additional treatment information. Remove and dry-clean or launder clothing soaked or soiled with this material before reuse. Dry cleaning of contaminated clothing may be more effective than normal laundering. Inform individuals responsible for cleaning of potential hazards associated with handling contaminated clothing.

FIRE

EINECS INVENTORY STATUS: Not determined.

AUSTRALIAN INVENTORY STATUS: This product, or its components, are listed on or are exempt from the Australian Inventory of Chemical Substances (AICS).

JAPAN INVENTORY STATUS: This product, or its components, are listed on or are exempt from the Japan Ministry of International Trade and Industry (MITI) Inventory.

SECTION 15 ENVIRONMENTAL INFORMATION

AQUATIC TOXICITY: Not determined

MOBILITY: Not determined

PERSISTENCE AND BIODEGRADABILITY: Not determined

POTENTIAL TO BIOACUMULATE: Not determined

REMARKS: None

SECTION 16 OTHER INFORMATION

The information contained herein is believed to be accurate. It is provided independently of any sale of the product for purpose of hazard communication as part of B. D. Classic Enterprises, Inc. Product Safety Program. It is not intended to constitute performance information concerning the product. No express warranty, or implied warranty of merchantability or fitness for a particular purpose is made with respect to the product or the information obtained herein. Data sheets are available for all B. D. Classic products. You are urged to obtain data sheets for all B. D. Classic products you buy, process, use or distribute and you are encouraged and requested to advise those who may come in contact with such products of the information contained therein.

To determine applicability or effects of any law or regulation with respect to the product, user should consult his legal advisor or the appropriate government agency. B. D. Classic does not undertake to furnish advice on such matters.