

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET
AMAZING TOO/188601
JANUARY 2014
PAGE 1

HEALTH	1
FIRE	1
REACTIVITY	0
P.P.E.	A

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification

PRODUCT TYPE: Aerosol

SECTION 2 – Composition on Ingredients

CHEMICAL NAME	CAS #	OSHA PEL	ACGIH TLV
Ethylene Glycol n-Butyl Ether	111-76-2	50 ppm	20 ppm
Diethylene Glycol n-Butyl Ether	112-34-5	Not Established	Not Established
Propane/N-Butane	68476-86-8	1000 ppm	1000 ppm
Isopropyl	67-63-0	500 ppm	400 ppm

SECTION 3 – Hazards Information

EMERGENCY OVERVIEW: Aerosol under pressure do not expose to high temperature 120 F or store in direct sunlight.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes irritation, may cause conjunctivitis with possible corneal injury.

SKIN: May cause mild irritation, localized defatting.

INHALATION: Causes dizziness if inhaled directly or exposed to excessive amounts.

INGESTION: Not a likely route of exposure under normal product handling conditions.

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS AGGRAVATED: None known

Carcinogenicity: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION 4 – First Aid Measures

EYES:	Immediately flush with water for 15 – 20 minutes while holding eyelids open. Seek medical attention if irritation persists.
SKIN:	Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation persists.
INHALATION:	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.
INGESTION:	Do not induce vomiting unless directed to do so by medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt, 2-4 glasses) of warm water. Seek immediate medical attention.

Note to Physicians: None

SECTION 5 – Fire Fighting Measures

Flash Point: Not tested

FLAMMABLE LIMITS IN AIR, (% by volume) UPPER: N/A **LOWER:** N/A

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.

SPECIAL FIRE FIGHTER PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing with fights fires. Use water spray only to col exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 120 F may can bursting.

HAZARDOUS COMBUSTION PRODUCTS: None

SECTION 6 – Accidental Release Measures

SPILL: Use non-combustible material like vermiculite, sand or earth in spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

WASTE DISPOSAL: Dispose in accordance with local, state and federal laws. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA STATUS: Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7 – Handling and Storage

HANDLING AND STORAGE:

Store in cool, dry area. DO not use or store near heat or open flames. Exposure to temperatures above 120 °F may cause bursting.

SECTION 8 – Exposure Controls/Personal Protection

EXPOSURE CONTROLS / VENTILATION: Ambient ventilation suitable, forced, ventilation should not be required.

RESPIRATORY PROTECTION: Not required with normal use.

PROTECTIVE CLOTHING: Safety glasses and chemical resistant gloves are recommended.

ADDITIONAL MEASURES: Follow normal hygiene practices

EXPOSURE GUIDELINES: N/A

SECTION 9 – Physical and Chemical Properties

Appearance:	Liquid – Hazy, Yellow; Spray - Clear, Foamy	Freezing Point:	Not tested
Physical State:	Liquid	pH:	10.2
Odor:	Citrus, Orange	Boiling Point:	212 F (100C)
Vapor Density (Air=1):	1	Solids (%):	Not tested
Volatility including water (%):	99%	Evaporation Rate:	<0.3
Solubility in Water:	100%	Volatile organic compounds (VOC):	15%
Dielectric strength (volts):	NA	Vapor Pressure (mmHg):	17.5 @ 77 F (25 C)

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability:	Stable
INCOMPATIBILITY	Strong oxidizers, Alkalies, Acids
CONDITIONS TO AVOID:	Temperatures greater than 120 F may cause bursting.
HAZARDOUS DECOMPOSITION OR BY- PRODUCT:	None known
HAZARDOUS POLYMERIZATION:	Will not occur

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SECTION 11 – Toxicological Information**Toxicological information:**

Dipropylene Glycol Methyl Ether (DPM) (34590-94-8) LC50 (Inhale) Rat: > 500 ppm (7hrs); LD50 (Oral) Rat: 5180 mg/kg; LD50 (Skin) Rabbit: 9500 mg/kg **Ethylene Glycol n-Butyl Ether (EB)** (111-76-2) Oral rat LD50: 470 mg/kg; Inhalation rat LC50: 450 ppm/4H, 2.21 mg/L 4hr, rat; Skin rabbit LD50: 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.

Dipropylene Glycol n-Butyl Ether (DPnB) (29911-28-2) Prolonged exposure may cause drying of skin, leading to dermatitis. LD50 (Oral, Mouse) 1475-4400 mg/kg; LD50 (Skin, Rabbit) 5340 & 6488 mg/kg; LC50 (Inhalation, Rat) > 2040 mg/m³ **Diethylene Glycol n-Butyl Ether (DB)** (112-34-5) LD50 (Oral, Rat) 5660mg/kg; LD50 (Oral, Mouse) 2000 mg/kg; LD50 (Oral, Guinea pig) 2000 mg/kg; LD50 (Skin, Rabbit) 2700 mg/kg

SECTION 12 – Ecological Information

ECOLOGICAL INFORMATION: Diethylene Glycol n-Butyl Ether (DB) (112-34-5) Toxicity to fish LC50 - Lepomis macrochirus - 1,300 mg/l - 96 h; LC50 - Leuciscus idus (Golden orfe) - > 1,000 mg/l - 48 h; Toxicity to daphnia and other aquatic invertebrates, EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h; Toxicity to algae IC50 Desmodesmus subspicatus (green algae) > 100 mg/l - 24 h; Toxicity to bacteria LC50 - Pseudomonas putida - 1,170 mg/l - 16 h. **Dipropylene Glycol Monomethyl Ether (DPM)** (34590-94-8) LC50 (96hrs) Flathead Minnow: >10,000 mg/L; LC50 (48hrs) Daphnia Magna: 1919 mg/L; LC50 (96 hrs) Brine Shrimp: >1000 mg/L **Dipropylene Glycol n-Butyl Ether (DPnB)** (2991-28-2) Probably not a bioaccumulator due to moderately high water solubility. LC50 (Fish, 96hr) 841 mg/L; EC50 (Crustacea, 48hr) > 1000 mg/L; EC100 (Bacteria) 1.6 mg/L **Ethylene Glycol n-Butyl Ether (EB)** (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available.

SECTION 13 – Disposal Consideration

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA STATUS: Not listed as a hazardous waste under RCRA, but product should be fully Characterized prior to disposal (40 CFR 261).

SECTION 14 – Transport Information**PROPER SHIPPING NAME:**

Consumer Commodity ORM-D

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd Qty, Class 2

HAZARD CLASS/DIVISION: 2.1

SHIPPING BY WATER:

Vessel (IM/MDG)

PROPER SHIPPING NAME:

Aerosols, Ltd Qty, Class 2

UN/NA NUMBER: UN 1950

SECTION 15 – Regulatory Information

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None
SARA 311/312 HAZARD CATEGORIES: Ethylene Glycol n-Butyl Ether (EB) (111-76-2) Acute health hazard, Chronic health hazard.

SARA 313 REPORTABLE INGREDIENTS: Ethylene Glycol n-Butyl Ether (EB) (111-76-2) 1%

CLEAN WATER ACT: None

STATE REGULATIONS: California Proposition 65: None Ethylene Glyco n-Butyl Ether (EB) (111-76-2) New Jersey's Worker RTK, Massachusetts RTK, Massachusetts spill list, Pennsylvania's RTK, Rhode Island RTK, Illinois, Florida, Minnesota.

Dipropylene Glycol Methyl Ether (DPM) (34590-94-8) Massachusetts RTK, New Jersey RTK, Pennsylvania RTK Isopropyl Alcohol (67-63-0) Right-to-Know acts for Rhode Island, Pennsylvania, Florida, Minnesota, Massachusetts, New Jersey, Tennessee Connecticut hazardous material survey.

Isopropyl alcohol Illinois toxic substances disclosure to employee act

INTERNATIONAL REGULATIONS: Ethylene Glycol n-Butyl Ether (EB) (111-76-2) Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).

NFPA HEALTH: 1

NFPA FLAMMABILITY: 1

NFPA REACTIVITY: 0

NFPA OTHER: N/A

HMIS HEALTH: 1

HMIS FLAMMABILITY: 1

HMIS REACTIVITY: 0

HMIS PROTECTION: A

SECTION 16 – Other Information**Disclaimer:**

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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