



Safety Data Sheet
Professional Haze Remover

Current revision 07/10/18

SECTION 1 — CHEMICAL PRODUCT AND COMPANY INFORMATION	
TMP Inc. 1395 South Marietta Parkway SE building 200, Suite 222 Marietta, GA 30067	Telephone: (770) 447-0061 Fax: (770) 447-0063 Chemtrec: (800) 424-9300
Physical Form:	Liquid
Color:	Clear Yellow/Green
Odor:	Butyl
NFPA Profile:	Health 3 Flammability 1 Reactivity 1 PPE: B NFPA = National Fire Protection Association

SECTION 2 — Hazards Identification	
GHS Classification	
Skin Corrosion:	Category 1
Serious Eye Damage	Category 1
Acute toxicity (Oral)	Category 4
Hazard Statements:	
Harmful if swallowed	
Causes sever skin burns	
Causes serious eye damage	
Precautionary Statements:	
Prevention: Wash skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves, protective clothing, eye protection and face protection. Do not breathe mists, vapors or spray.	
Response:	
Skin: Wash contaminated area with soap or mild detergent. Remove contaminated clothing and shoes. Wash clothing before reuse.	
Eyes: Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.	
Inhalation: If symptoms occur move affected person to fresh air. If not breathing, give artificial respiration. If symptoms persist, get medical attention promptly.	
Ingestion: If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention at once.	
GHS Label Element	
	Product as Sold: Hazard Pictograms: Signal Word Danger

SECTION 3 — Composition/ Information on Ingredients

CAS Number	Wt.%	Component
141-43-5	10-15	Ethanolamine
111-76-2	10-20	2-Butoxyethanol
68439-46-3	1-3	Ethoxylated alcohol

SECTION 4 — FIRST AID MEASURES

Eye: Immediately flush with water for 15 minutes. If irritation persists, get medical attention.

Skin: Remove contaminated clothing. Flush skin with water for at least 15 minutes. Get medical attention if irritation persists.

Inhalation: Remove to fresh air. Get medical attention if ill effects develop.

Oral: If conscious, give several glasses of water but do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Comments: Contains 2-Butoxyethanol.

SECTION 5 — FIRE FIGHTING MEASURES

Flash Point (closed cup): > 140

Autoignition Temperature: Not Applicable

Extinguishing Media: Use water vapor, foam or fog

Fire Fighting Procedures: Fire fighters should use proper protective equipment.

Unusual Fire Hazards: None

Hazardous Decomposition Products:
Thermal breakdown of this product during fire or very high heat conditions may evolve hazardous decomposition products: Carbon Monoxide and traces of incompletely burned carbon compounds.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: Neutralize with vinegar or citric acid. Use absorbent material to collect and contain for salvage or disposal

Storage: Store in tightly closed container at temperatures between 35 and 120 deg. F

Other Precautions: Keep away from strong acids and oxidizing materials.

SECTION 7 — HANDLING AND STORAGE

Storage: Store above 35 and below 120°F

Other Precautions: Keep away from strong acids and oxidizing materials.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Local exhaust: Recommended
General ventilation: Recommended

Personal Protective Equipment for Routine Handling

Eyes: Use chemical worker's goggles.
Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be cleaned before reuse. Rubber or plastic gloves are recommended.
Inhalation/Suitable Respirator: No special requirements.

Personal Protective Equipment for spills

Eyes: Use chemical worker's goggles.
Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be cleaned before reuse. Rubber or plastic gloves are recommended.
Inhalation/Suitable Respirator: No special requirements.
Precautionary Measures: Do not get in eyes. Avoid skin contact. Do not breathe excessive amounts of vapor. Do not take internally.
Comments: Keep away from strong acids and oxidizing materials. Provide ventilation during use to control exposure within Section 2 guidelines.

Chemical Name	OSHA exposure limits	ACGIH exposure limits
2-butoxyethanol		TWA 20 ppm
Ethanol amine	TWA 3ppm	TWA 3ppm

Note: These precautions are for room temperature handling. Use at elevated temperature, or aerosol/spray applications may require added precautions

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid
Color: Yellow/Green
Odor: Butyl
Specific Gravity @ 25C: 0.98 – 1.00
Viscosity: thin liquid Freezing/Melting Point: 32°F / 0°C Boiling Point: 212°F / 100°C Vapor Pressure @ 25C: 17 mmHg Vapor Density: >1
Solubility in water: Complete pH: 11.5 – 12.4
VOC: 20

Note: The above information is not intended for use in preparing product specifications.

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Hazardous polymerization will not occur
Conditions to Avoid: Strong Acids and oxidizing materials. Materials to Avoid: Strong Acids and oxidizing materials.

Comments: None

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicology Data for Product

Monoethanolamine: ORAL (LD50): Acute: 2100 mg/kg [Rat]. DERMAL (LD50): Acute: 1000 mg/kg [Rabbit].

Ethylene Glycol Monobutyl Ether: ORAL (LD50): Acute: 1746 mg/kg [Rat]. 1519 mg/kg [Mouse]. 1414 mg/kg [Guinea pig]

SECTION 12 — ECOLOGICAL INFORMATION

Environmental Fate and Distribution No specific information is available

Ecotoxicity No specific information is available

Persistence and Degradation No specific information is available

TSCA Status No specific information is available

SECTION 13 — DISPOSAL CONSIDERATIONS RCRA Hazard Class (40 CFR 261)

Waste Disposal Method: Liquid wastes are not permitted in landfill. Consult local, state, and federal agencies for proper disposal in your area.

Classification: non-hazardous waste

SECTION 14 — TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101) Proper Shipping Name: Corrosive liquid, n.o.s. UN 1760

Note: DOT classification does not necessarily apply to all sizes. For specific container size exceptions, refer to the Bill of Lading with your shipment.

SECTION 15 — REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings:

SARA 313 Toxic chemical notification and release notification: Ethylene Glycol Monobutyl Ether

Clean water Act (CWA) 311: No products were found. Clean air act (CAA) 112 regulated toxic substances: None

Supplemental State Compliance Information:

California CAS Number Wt.% Component

WARNING: This product can expose you to chemicals including Diethanol Amine which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov

SECTION 16 — OTHER INFORMATION

This information is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate