

Enviro Tech Chemical Services, Inc. 500 Winmoore Way Modesto, CA 95358

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product Identifier:** BLENDMATE A GLASS CLEANER**Product Code:** 2559**Product Use:** Glass cleaning**Chemical Family:** Cleaner

**Enviro Tech Chemical Services, Inc.**  
500 Winmoore Way Modesto, CA 95358  
(209) 581-9576 (7 AM to 5 PM, PST, Monday to Friday)

**24 Hr. Emergency Tel.#:** 1-800-255-3924

## SECTION 2 - HAZARDS IDENTIFICATION

**Classification of the Substance or Mixture:**

Flammable Liquids - Category 4  
Skin Irritation - Category 2  
Eye Irritation - Category 2  
Acute Toxicity - Oral Category 5  
Acute Toxicity - Inhalation Category 4

**Signal Word:** WARNING**Hazard Statements:**

Combustible liquid  
Causes skin irritation  
Causes serious eye irritation  
May be harmful if swallowed  
Harmful if inhaled

**Precautionary Statements:****Prevention**

Wash hands thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection.  
Keep away from heat/sparks/open flames/hot surfaces - No smoking.  
Do not eat, drink or smoke when using this product.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Use only outdoors or in a well-ventilated area.

**Response****IF ON SKIN:** Wash with soap and water.**IF SKIN IRRITATION OCCURS:** Get medical advice/attention.**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

Take off contaminated clothing and wash before reuse

Immediately call a POISON CENTER or doctor/physician

In case of fire: Use water for extinction.

**Storage**

Store locked up.  
Store in a well ventilated place. Keep cool.

**Disposal**

Dispose of contents/container in accordance with local regulations.

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## Hazards not Otherwise Classified:

No other hazards classified.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Synonym	CAS Number	Concentration
ETHANOL	ETHYL ALCOHOL	64-17-5	30-40%
2-BUTOXYETHANOL	BUTYL GLYCOL	111-76-2	3-7%
AMMONIUM HYDROXIDE	N/A	1336-21-6	1-3%

## SECTION 4 - FIRST-AID MEASURES

**Inhalation:** Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor.

**Skin Contact:** Take off immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water with a flushing duration of 15-20 minutes. Call a POISON CENTER/doctor if you feel unwell. Wash contaminated clothing before re-use or discard.

**Eye Contact:** Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. If eye irritation persists: Get medical advice/attention.

**Ingestion:** Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

**Most Important Symptoms and Effects, both Acute and Delayed:** Causes irritation/burns that may result in permanent impairment of vision, even blindness. Contact with skin can cause irritation. May be harmful if swallowed.

**Indication of any Immediate Medical Attention and Special Treatment Needed:** Treat symptomatically

## SECTION 5 - FIRE-FIGHTING MEASURES

**Extinguishing Media:** Use water spray, powder, foam, carbon dioxide.

**Special hazards arising from the substance of mixture:** Emits toxic fumes under fire conditions.

**Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012):** Flammable liquid - Category 4

**Hazardous Combustion Products:** Carbon oxides, nitrogen oxides, low weight hydrocarbons

**Special protective equipment and precautions for firefighters:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

**Methods and materials for containment and cleaning up:** SMALL SPILLS (less than 1 gallon): Neutralize with soda ash or cover with dry earth, sand or other non combustible material, place into loosely covered plastic containers for later disposal. If neutralized, material can be diluted into drain. LARGE SPILL: Restrict access to area until completion of clean up. Prevent liquid from entering sewers or waterways. Stop or reduce leak if safe to do so. Dike with inert material (sand, earth, etc.). Collect into plastic containers for disposal. Ensure adequate decontamination of tools and equipment following clean up.

## SECTION 7 - HANDLING AND STORAGE

**Precautions for Safe Handling:** Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

**Conditions for Safe Storage:** Store in a cool, dry, well ventilated place away from direct sunlight. Keep container closed when not in use.

**Incompatible Materials:** Acids, bases and strong oxidizers.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Ventilation and engineering measures:** Forced air, local exhaust, or open air is adequate.

**Respiratory Protection:** In case of confined spaces or high levels encountered in the air, wear self contained breathing apparatus.

**Skin Protection:** Wear chemical resistant gloves and chemical resistant garments when handling, wash garments before re-use.

**Eye/Face Protection:** Wear safety glasses, goggles and/or face shield to prevent eye contact.

**Other Protective Equipment:** Eye wash facility and emergency shower should be in close proximity.

**General Hygiene Conditions:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.

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### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Blue clear liquid

**Odor:** Pungent odor

**pH:** 11.5-12.5

**Melting/Freezing point:** No information available.

**Initial boiling point and boiling range:** No information available.

**Flammability (solid, gas):** Non flammable.

Specific gravity: 0.94 g/mL

**Solubility in water:** Complete

**Viscosity:** 8-15 cSt at 20°C / 68°F

### SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** Strong bases/acids/oxidizing agents

**Chemical Stability:** Stable under normal conditions

**Possibility of Hazardous Reactions:** May react with incompatible materials

**Conditions to Avoid:** Incompatible materials and high temperatures

**Conditions to Avoid:** Incompatible materials and high temperatures

**Hazardous Decomposition Products:** Corrosive sulfur oxides. Nitrogen oxides. Carbon oxides.

### SECTION 11 - TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure:**

Routes of entry - inhalation: YES

Routes of entry - skin & eye: YES

Routes of entry - ingestion: YES

Routes of entry - skin absorption: NO

**Potential Health Effects:**

**Signs and symptoms of short term (acute) exposure:**

**Inhalation:** Inhalation of the mist may produce severe irritation of respiratory tract, characterized by coughing, choking, shortness of breath, headaches, dizziness, nausea, weakness and/or drowsiness.

**Ingestion:** May cause nausea, vomiting, abdominal pain, gastrointestinal tract burns, gastrointestinal upset and/or diarrhea.

**Skin:** May cause skin irritation including redness, edema, swelling, rash, scaling or blistering, drying and/or cracking of skin.

**Eye:** Vapors can cause eye irritation. Direct contact with liquid may cause irritation that may lead to blindness or permanent eye damage if left untreated.

**Potential Chronic Health Effects:**

**Mutagenicity:** No information available.

**Carcinogenicity:** No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

**Reproductive effects:** Components of this product are known to cause reproductive and birth defects.

**Sensitization to material:** Not known or expected to cause sensitization.

**Toxicological data:** The calculated ATE values for this mixture are:

ATE oral = 3820 mg/kg

ATE dermal = no information available

ATE inhalation = 18.82 mg/L

### SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and degradability:** Not expected to persist. Readily biodegradable.

**Bioaccumulation potential:** Not expected to bioaccumulate.

**Mobility in soil:** Soluble in water and mobile in soil.

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**Other adverse effects:** None known.

### SECTION 13 - DISPOSAL CONSIDERATIONS

**Handling for disposal:** Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, DO NOT rinse container.

**Method of disposal:** Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

**RCRA:** Not a listed RCRA hazardous waste.

### SECTION 14 - TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

**US 49 CFR/DOT/IATA/IMDG Information:** Non-regulated material.

**Environmental hazards:** Not a Marine Pollutant

### SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

**US CERCLA reportable quantity (RQ):** The RQ for ammonium hydroxide is 1000 pounds of pure chemical.

**SARA Title III:** Fire Hazard

### SECTION 16 - OTHER INFORMATION

**Legend:**

**SARA:** The Superfund Amendments and Reauthorization Act

**RCRA:** Resource Conservation and Recovery Act

**TSCA:** Toxic Substances Control Act

**CFR:** Code of Federal Regulations

**DOT:** Department of Transportation

**ATE:** Acute Toxicity Estimate

**Preparation date:** 3/15/2016