



Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Glass Too	Phone Number:	(910)738-1166
Product Use:	Glass Cleaner	D.O.T. Emergency Phone:	Chem-Tel (800)255-3924
Company Identification:	image supply, Inc. P.O. Box 1108 Lumberton, NC 28360	Date of Preparation:	May 6, 1991
		Revision Date:	October 27, 2015 Rev. No.2

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW



DANGER

FLAMMABLE – Flammable liquid and vapour

Precautionary Statement – Prevention

Keep container tightly closed.
 Keep away from ignition sources such as heat/sparks/open flame- No Smoking
 Wear protective gloves and eye/face protection
 Take precautionary measures against static discharge.
 Use only non-sparking tools.

Precautionary statement - Storage

Store in cool/well-ventilated place.

Precautionary Statement – Response

In case of fire: Apply alcohol-type for all purpose type foam by manufacturer’s recommended techniques for large fires. Use carbon dioxide or dry chemical for small fires.

IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with Water

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF INHALED: Remove to fresh air and deep at rest in a position comfortable for breathing.

Precautionary Statement – Disposal

Dispose of contents/container in accordance with local and national regulations.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS#	Wt. %
Alcohol	67-63-0	5.5%
Aqua Ammonia	1336-21-6	<1%
Other components below reportable levels		80- <90

SECTION 313 SUPPLIER NOTIFICATION

* Indicates hazardous ingredients which are toxic chemicals subject to the reporting requirements of section 313 of THE EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW ACT OF 1986 and of 40 CFR 372.

The chemical name, CAS #, and percent by weight must be included in all SDS copied and distributed for this material.

Section 4: FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for 15 -20 minutes, seek medical attention.

Skin Contact: Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Call a physician if irritation develops and persists.

Inhalation: If difficulty or discomfort in breathing is experienced, remove to fresh air and get medical attention.

Ingestion: Harmful or fatal if swallowed. Give several glasses of water followed by citrus juice or vinegar. Get medical attention.

Section 5: FIRE FIGHTING MEASURES

FLASH POINT AS PER USA FLAME PROJECTION TEST: 53F

FLAMMABLE LIMITS: LEL: 2.0 UEL: 12.7 @ 200F

Suitable extinguishing media: Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical:

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Firefighting equipment/instructions:

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods:

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards:

Flammable liquid and vapor.

Section 6: ACCIDENTAL RELEASE MEASURES**Personal Precautions:**

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

Environmental Precautions:

Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment:

Absorb large spills with floor dry material (see disposal below). Small spills: Flush with water and pick up with mop or wet vacuum.

Waste Disposal Method:

Dispose of in accordance with state or local regulations. EPA Hazardous Waste Classification: Corrosive (pH = 13 on concentrate). Do not dispose of in storm drains or streams.

Section 7: HANDLING AND STORAGE**Handling:**

Keep away from sources of ignition. No smoking. Avoid contact with skin and eyes. Do not swallow. When using, do not eat or drink. Wash hands before eating, drinking, or smoking.

Storage:

Keep out of the reach of children. Keep from freezing. Keep container closed. Do not pressure container to close.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines:****Ingredient**

Alcohol

Aqua Ammonia

Type

PEL

N/A

Value

50ppm, 980 mg/m³

N/A

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equipment:**Eye/Face Protection:**

Wear eye/face protection. Goggles

Hand Protection:

Alkali Resistant Gloves

Skin and Body Protection:

Wear suitable protective clothing.

Respiratory Protection:

Ventilate to keep air below TLV. A NIOSH approved respirator for organic vapor should be worn if needed to keep level below TLV.

Target Organ:

Skin, eyes, gastrointestinal tract

General Hygiene Consideration:

Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point 212 °F

Volatile (% by Volume, 80%)

Evaporation Rate: 2.88

Solubility in Water: Completely

Appearance and Odor: Clear Blue Liquid

Spec. Gravity: (Water=1): .95

Melting Point: N/A

Vapor Density (Air = 1): 1.5

Vapor Pressure: 17.5 mm Hg

Section 10: STABILITY AND REACTIVITY**Stability:**

Stable under normal storage conditions. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Keep in a cool place.

Conditions of Reactivity:

Heat. Incompatible materials.

Incompatible Materials:

Strong oxidizing agents. Halogens, Strong inorganic acids. Aldehydes, and Halogen Compounds.

Hazardous Decompositions Products:

Burning can produce the following products: Carbon monoxide and/or carbon dioxide. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant.

Possibility of Hazardous Reactions:

No dangerous reaction known under conditions of normal use.

Section 11: TOXICOLOGY INFORMATION**EFFECTS OF ACUTE EXPOSURE**

Component Analysis**Ingredients**

Aqua Ammonia
Alcohol Isopropyl

LD50 (irak)

Not Available
Not Available

LC50

Not Available
Not Available

Eye: Direct Contact of product with eyes can cause severe irritation and damage.
Skin: Prolonged or repeated contact of product with skin may cause irritation.
Ingestion: Not a normal route of exposure. May cause burns. Harmful: may cause lung damage if swallowed.
Inhalation: Product spray mist or fog may cause irritation to nose, throat and lungs if adequate ventilation is not employed.

EFFECTS OF CHRONIC EXPOSURE

Chronic Effects: Existing Dermatitis may be aggravated by exposure.
Carcinogenicity: Not hazardous by WHMIS/OSHA criteria.

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen*
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Isopropyl Alcohol	Not listed as a Carcinogen
Ammonia	Not listed as a Carcinogen

Mutagenicity:	Not hazardous by WHMIS/OSHA criteria.
Reproductive Effects:	Not hazardous by WHMIS/OSHA criteria.
Developmental Effects:	
Teratogenicity:	Not hazardous by WHMIS/OSHA criteria.
Embryotoxicity:	Not hazardous by WHMIS/OSHA criteria.
Respiratory Sensitization:	Not hazardous by WHMIS/OSHA criteria.
Skin Sensitization:	Not hazardous by WHMIS/OSHA criteria.
Toxicologically Synergistic Materials:	Not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	May cause long-term adverse effects in the aquatic environment.
Persistence / Degradability:	Not available.
Bioaccumulation / Accumulation:	Not available.
Mobility in Environment:	Not available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions:
This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

Section 14: TRANSPORTATION INFORMATION

Applicable regulations: 49 CFR = no; IMCO = no; IATA = no

Section 15: REGULATORY INFORMATION

US federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

SARA 304 Emergency release notification
Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories:

Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated.

Section 16: OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy and completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that they are the only hazards that exist.