



ZEP MANUFACTURING COMPANY
 Acuity Specialty Products Group, Inc.
 P.O. BOX 2015
 ATLANTA, GA 30301
 1-877-1-BUY-ZEP

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name GLASS CLEANER AEROSOL NEW

Product Use Aerosol Glass Cleaner

Product Code 0019

Date of issue 08/20/03 **Supersedes** 05/20/99

Emergency Telephone Numbers **For MSDS Information:**
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-1-BUY-ZEP

For Medical Emergency:
 INFOTRAC
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

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Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	<10	ACGIH TLV (United States). TWA: 200 ppm OSHA PEL (United States). TWA: 400 ppm ACGIH/OSHA (United States). STEL: 400 ppm
ACETONE; dimethyl ketone	67-64-1	<10	OSHA PEL (United States). TWA: 1000 ppm ACGIH (United States). STEL: 750 ppm
BLEND OF ISOBUTANE, PROPANE, & n-BUTANE	75-28-5; 74-98-6; 106-97-8	<10	ACGIH TLV (United States). TWA: 800 ppm OSHA PEL (United States). TWA: 1000 ppm

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Inhalation.

Skin Hazardous in case of skin contact (irritant). Non-sensitizer for skin. May cause slight transient irritation.

Eyes Hazardous in case of eye contact (irritant). Liquid in eye may cause irritation with possible damage if not rinsed immediately. Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Over-exposure by inhalation may cause respiratory irritation. Prolonged exposure may cause narcotic effect.

Ingestion Unlikely in this form. No data on acute toxicity of the product when ingested.

HMIS	
Health	1
Fire Hazard	1
Reactivity	0
Personal Protection	B

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Defatting to the skin. Prolonged or repeated contact may dry skin and cause irritation.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation develops.

Skin Contact In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point Not determined. **Flammable Limits** Not determined.

Flammability Not considered to be flammable. (CSMA)

Fire Hazard Container explosion may occur under fire conditions or when heated. Cool closed containers exposed to fire with water.

Fire-Fighting Procedures Use DRY chemicals, CO2, water spray or foam. Wear special protective clothing and positive pressure, self-contained breathing apparatus.



Section 6. Accidental Release Measures**Spill Clean up** Large spills are unlikely due to packaging.**Section 7. Handling and Storage****Handling** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Use with adequate ventilation. Wash contaminated clothing before reusing.**Storage** Keep away from heat and direct sunlight. Keep container in a cool, well-ventilated area. Do not store above 49°C (120.2°F). Do not puncture or incinerate. Keep out of the reach of children.**Section 8. Exposure Controls, Personal Protection****Personal Protection****Protective Clothing (Pictograms)****Eyes** Safety glasses.**Body** Gloves.**Respiratory** Use with adequate ventilation. Good general ventilation should be sufficient to control airborne levels.**Section 9. Physical and Chemical Properties****Physical State** Liquid. (Foam. Hazy liquid.)**Color** Colorless.**pH** Not determined.**Odor** Pleasant.**Boiling Point** 96.1°C (205°F)**Vapor Pressure** Not determined.**Specific Gravity** Not determined.**Vapor Density** Not determined.**Solubility** Easily soluble in cold water.**Evaporation Rate** 1 compared to Water**VOC (Consumer)** 11.9%**Section 10. Stability and Reactivity****Stability and Reactivity** The product is stable.**Incompatibility** Avoid contact with strong oxidizers, excessive heat, sparks or open flame.**Hazardous Polymerization** Will not occur.**Hazardous Decomposition Products** Carbon Dioxide, Carbon Monoxide and Other Organic chemicals..**Section 11. Toxicological Information****Toxicity to Animals** Not available.**Section 12. Ecological Information****Ecotoxicity** Not available.**Biodegradable/OECD** Not available.**Section 13. Disposal Considerations****Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations.**Waste Stream** Code: - (None.)

Classification: - (Non-hazardous waste)

Origin: - (Hazardous Waste Regulation)

Consult your local or regional authorities.

Section 14. Transport Information**Proper shipping name** Consumer Commodity**DOT Classification** ORM-D**UN number** Not regulated.**Section 15. Regulatory Information****U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

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 or 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 these are the only hazards that exist.*