



ENFORCER Products
 A Division of Acuity Specialty Products
 Group, Inc.
 P.O. Box 1060
 Cartersville, GA 30120
 1-888-805-HELP
 www.zepcommercial.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name High Traffic Carpet Cleaner
Product Code ZUCC24
Date of issue 08/29/07 **Supersedes**

Emergency Telephone Numbers **For a Medical Emergency:**
 INFOTRAC
 (877) 541-2016 (Toll Free - Calls Recorded)

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 (Toll Free - Calls Recorded)

Printing Date:

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

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	1 - 5	ACGIH TLV (United States). TWA: 200 ppm 8 hour(s). OSHA PEL (United States). TWA: 400 ppm 8 hour(s). ACGIH/OSHA (United States). STEL: 400 ppm 15 minute(s).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Eye contact. Inhalation.
Skin May cause slight irritation in sensitive individuals. Prolonged or repeated contact may dry skin and cause irritation.
Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering, and itching.
Inhalation Avoid breathing vapors or spray mists. Over-exposure by inhalation may cause respiratory irritation.
Ingestion May be harmful if swallowed. Ingestion may cause nausea, weakness and central nervous system effects.

HMIS	
Health	1
Fire Hazard	1
Reactivity	0
Personal Protection	A

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

Chronic Effects No known chronic effects from overexposure.
See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Check for and remove any contact lenses. Get medical attention.
Skin Contact In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops.
Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.
Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point Closed cup: >93.3°C (>200°F). **Flammable Limits** Not applicable.
 (Tagliabue.)
Flammability Non-flammable.
Fire Hazard No known significant effects or critical hazards.
Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam. Cool closed containers exposed to fire with water.



Section 6. Accidental Release Measures

Spill Clean up Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Section 7. Handling and Storage

Handling Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash thoroughly after handling. Do not reuse product container. Observe label precautions.

Storage Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection**

Eyes Safety glasses.

Body For prolonged or repeated handling, use gloves.

Protective Clothing (Pictograms)

Respiratory Avoid breathing vapors or spray mists. A respirator is not needed under normal and intended conditions of product use.

Section 9. Physical and Chemical Properties

Physical State Liquid.

pH 9.0 - 10.0

Boiling Point 100°C (212°F)

Specific Gravity 1.0 (Water = 1)

Solubility Easily soluble in cold water, hot water.

Color Colorless. Clear.

Odor Sweet. Fresh.

Vapor Pressure Not determined.

Vapor Density Not determined.

Evaporation Rate Not determined.

VOC (Consumer) 21 (g/l). 0.17 lbs/gal 1.98%

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Slightly reactive to reactive with oxidizing agents.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO₂)

Section 11. Toxicological Information**Toxicity to Animals****Isopropyl Alcohol:**

ORAL (LD50): Acute: 4700 mg/kg [Rat].

DERMAL (LD50): Acute: 13000 mg/kg [Rabbit].

VAPOR (LC50): Acute: 22500 ppm 8 hour(s) [Rat (Male)]. 19000 ppm 8 hour(s) [Rat (Female)].

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 Non-regulated waste

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name None.

DOT Classification Not a DOT controlled material (United States).

UN number Not regulated.

TDG Classification Not a TDG controlled material.

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.

All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Formaldehyde.

WHMIS (Canada)

WHMIS Class D-2B: Material causing other toxic effects (TOXIC).

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.