



Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name High Traffic Carpet Cleaner
Product code ZUCC24
Date of issue 10/19/10 **Supersedes** 08/29/07

Emergency Telephone Numbers

For MSDS Information:
 Compliance Services 404-352-1680

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

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

Prepared By
 Compliance Services
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Hazards Identification

Emergency overview

CAUTION

CAUSES EYE IRRITATION.

*Hazard Determination System (HDS): Health, Flammability, Reactivity



NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Eye contact. Inhalation.

- Eyes** Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.
- Skin** May cause slight irritation in sensitive individuals.
- Inhalation** Over-exposure by inhalation may cause respiratory irritation.
- Ingestion** May be harmful if swallowed. Ingestion may cause nausea, weakness and central nervous system effects.

No known chronic effects from exposure.

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

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol 67-63-0 1 - 5

Section 4. First Aid Measures

- Eye Contact** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Skin Contact** Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- 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 material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention if adverse health effects persist or are severe.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)

- Flash Point** Closed cup: >93.3°C (>200°F). (Tagliabue.)
- Flammable Limits** Not applicable.
- Flammability** Non-flammable.
- Fire hazard** No known significant effects or critical hazards.
- Fire-Fighting Procedures** Use dry chemical, CO₂, water spray (fog) or foam.



Section 6. Accidental Release Measures

Spill Clean up Absorb with an inert material and place in an appropriate waste disposal container.

Section 7. Handling and Storage

Handling Avoid contact with eyes. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Wash thoroughly after handling.

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**Product name**

ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol

Exposure limits**ACGIH TLV (United States, 1/2009).**

TWA: 200 ppm 8 hour(s).

STEL: 400 ppm 15 minute(s).

OSHA PEL 1989 (United States, 3/1989).

TWA: 400 ppm 8 hour(s).

TWA: 980 mg/m³ 8 hour(s).

STEL: 500 ppm 15 minute(s).

STEL: 1225 mg/m³ 15 minute(s).**NIOSH REL (United States, 6/2008).**

TWA: 400 ppm 10 hour(s).

TWA: 980 mg/m³ 10 hour(s).

STEL: 500 ppm 15 minute(s).

STEL: 1225 mg/m³ 15 minute(s).**OSHA PEL (United States, 11/2006).**

TWA: 400 ppm 8 hour(s).

TWA: 980 mg/m³ 8 hour(s).**Personal Protective Equipment (PPE)**

Eyes Safety glasses.



Body For prolonged or repeated handling, use gloves.

Respiratory Avoid breathing vapors, spray or 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 Soluble in 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 None known.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO₂)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Isopropyl alcohol	LC50 Inhalation Vapor	Rat	16000 ppm	4 hours
	LD50 Dermal	Rabbit	5030 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
	LD50 Oral	Rat	5045 mg/kg	-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity


Product/ingredient name	Test	Result	Species	Exposure
Isopropyl alcohol	-	Acute LC50 11130000 ug/L Fresh water	Fish - Fathead minnow - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling) - 4 to 8 weeks - 1.1 to 3.1 cm	96 hours
	-	Acute LC50 10400000 ug/L Fresh water	Fish - Fathead minnow - Pimephales promelas - 29 days - 20 mm - 0.103 g	96 hours
	-	Acute LC50 9640000 ug/L Fresh water	Fish - Fathead minnow - Pimephales promelas - 31 days - 20.6 mm - 0.117 g	96 hours
	-	Acute LC50 6550000 ug/L Fresh water	Fish - Fathead minnow - Pimephales promelas - 31 days - 17.4 mm - 0.082 g	96 hours
	-	Acute LC50 4200000 ug/L Fresh water	Fish - Harlequinfish, red rasbora - Rasbora heteromorpha - 1 to 3 cm	96 hours
	-	Acute LC50 1400000 ug/L Marine water	Crustaceans - Common shrimp, sand shrimp - Crangon crangon	48 hours
	-	Acute LC50 >1400000 ug/L	Fish - Western mosquitofish - Gambusia affinis - 20 to 30 mm	96 hours

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-regulated waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not regulated.	None.			
TDG Classification	Not regulated.	Not a TDG-controlled material.			
IMDG Class					

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

Product name

Isopropyl alcohol

Clean Water Act (CWA) 307: 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

No products were found.

Canada**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.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.