



Zep Commercial Sales & Service  
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# Safety Data Sheet

## Section 1. Chemical Product and Company Identification

**Product name** CleanStone™ Plus Cleaner + Polish  
**Product code** ZUCSPOL19  
**Date of issue** 03/14/13 **Supersedes** 02/20/13

### 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

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

**WARNING!**

1 2 0

CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION.  
 CONTENTS UNDER PRESSURE.

**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**      Dermal contact. Eye contact. Inhalation.

**Eyes**      May cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

**Skin**      May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.

**Inhalation**      No known significant effects or critical hazards.

**Ingestion**      Unlikely in this form. Harmful; may cause lung damage if swallowed.

**Chronic effects**      Contains material which may cause damage to the following organs: blood, kidneys, liver, heart, spleen, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

**Carcinogenicity**      No known significant effects or critical hazards.

### Product/ingredient name

Not available.

**Additional Information:** See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
propan-2-ol	67-63-0	1 - 5
Isobutane	75-28-5	1 - 5
Silicone L-45	63148-62-9	1 - 5

## Section 4. First Aid Measures

**Eye Contact**      Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

**Skin Contact**      In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

**Inhalation**      Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

**Ingestion** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

### Section 5. Fire Fighting Measures

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



**Flash Point** Not available.

**Flammable Limits** Not available.

**Flammability** Non-flammable.

**Fire hazard** In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from a fire at high speed.

**Fire-Fighting Procedures** Use an extinguishing agent suitable for the surrounding fire.

### Section 6. Accidental Release Measures

**Spill Clean up** Spills are unlikely due to packaging.

### Section 7. Handling and Storage

**Handling** Put on appropriate personal protective equipment (see section 8). Do not pierce or burn, even after use. After handling, always wash hands thoroughly with soap and water. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Empty containers retain product residue and can be hazardous.

**Storage** Do not store above the following temperature: 49°C (120.2°F). Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep out of the reach of children.

### Section 8. Exposure Controls/Personal Protection

#### Product name

propan-2-ol

#### Exposure limits

ACGIH TLV (United States, 2/2010).

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/m<sup>3</sup> 8 hour(s).

STEL: 500 ppm 15 minute(s).

STEL: 1225 mg/m<sup>3</sup> 15 minute(s).

NIOSH REL (United States, 6/2009).

TWA: 400 ppm 10 hour(s).

TWA: 980 mg/m<sup>3</sup> 10 hour(s).

STEL: 500 ppm 15 minute(s).

STEL: 1225 mg/m<sup>3</sup> 15 minute(s).

OSHA PEL (United States, 6/2010).

TWA: 400 ppm 8 hour(s).

TWA: 980 mg/m<sup>3</sup> 8 hour(s).

NIOSH REL (United States, 6/2009).

TWA: 800 ppm 10 hour(s).

TWA: 1900 mg/m<sup>3</sup> 10 hour(s).

ACGIH TLV (United States, 2/2010).

TWA: 1000 ppm 8 hour(s).

Isobutane

#### Personal Protective Equipment (PPE)

**Eyes** Safety glasses.

**Body** Recommended: Gloves

**Respiratory** Wear appropriate respirator when ventilation is inadequate.



### Section 9. Physical and Chemical Properties

**Physical State** Liquid. [Aerosol.]

**pH** 10 to 11

**Boiling Point** Not available.

**Specific Gravity** 0.985

**Solubility**

**Color** White.

**Odor** Pleasant.

**Vapor Pressure** Not available.

**Vapor Density** Not available.

**Evaporation Rate** Not available.

**VOC (Consumer)** 7.9 % (w/w)

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Reactive or incompatible with the following materials: oxidizing materials.
<b>Hazardous Polymerization</b>	Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Hazardous Decomposition Products</b>	carbon oxides (CO, CO <sub>2</sub> )

**Section 11. Toxicological Information****Acute Toxicity**

propan-2-ol	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
Isobutane	LC50 Inhalation Vapor	Rat	658000 mg/m3	4 hours

**Section 12. Ecological Information**

**Environmental Effects** Not available.

**Aquatic Ecotoxicity**




Product/ingredient name	Test	Result	Species	Exposure
Not available.				

**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** Classification: Non-hazardous waste

**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
<b>DOT Classification</b>	-	Consumer commodity or Limited quantity	ORM-D	-	
<b>TDG Classification</b>	UN1950	AEROSOLS, non-flammable - Limited quantity	2.2	-	
<b>IMDG Class</b>	UN1950	AEROSOLS, non-flammable	2.2	-	

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**

propan-2-ol

**Clean Water Act (CWA) 311:** acetaldehyde; sodium nitrite

**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**

**WARNING:** This product contains a chemical or chemicals known to the State of California to cause cancer.:

**Canada****WHMIS (Canada)**

Class A: Compressed gas.

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.*