

Safety Data Sheet



Superior Solutions

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1-877-I-BUY-ZEP (428-9937)
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Section 1. Chemical Product and Company Identification

Product name CLEAN'EMS HAND CLEANER TOWELS
Product use Hand Cleaner Towels
Product code 1410
Date of issue 08/31/12 **Supersedes** 09/23/02

Emergency Telephone Numbers

For MSDS Information:

Compliance Services 1-877-I-BUY-ZEP (428-9937)

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

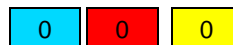
Prepared By

Compliance Services
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Section 2. Hazards Identification

Emergency overview

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



CAUSES EYE IRRITATION.

For external use only.

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.

Eyes

Do not use in eyes. Direct contact may cause irritation and redness.

Skin

Non-irritating under conditions of use. May cause allergic reactions in certain individuals.

Inhalation

Inhalation not likely under normal use conditions.

Ingestion

Unlikely in this form.

Chronic effects

Adverse health effects are considered unlikely when the product is administered according to the label instructions.

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

Alcohols, C12-16, ethoxylated

CAS number

68551-12-2

% by Weight

< 5

Section 4. First Aid Measures

Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact

If skin irritation occurs: Rinse with plenty of running water. If condition persists for more than 72 hours, consult a doctor. Discontinue use if irritation and redness develop.

Inhalation

Inhalation not likely under normal use conditions.

Ingestion

Unlikely in this form.

Section 5. Fire Fighting Measures

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



Flash Point	Not applicable.
Flammable Limits	Not available.
Flammability	Non-combustible.
Fire hazard	No specific fire or explosion hazard.
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	For external use only. Do not get in eyes.
Storage	Store between the following temperatures: 4.4 to 48.9°C (39.9 to 120°F). Keep container tightly closed and sealed until ready to use. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name **Exposure limits**

No exposure limit value known.

Personal Protective Equipment (PPE)

Eyes	No special protection is required.
Body	No special protective clothing is required.
Respiratory	A respirator is not needed under normal and intended conditions of product use.

Section 9. Physical and Chemical Properties

Physical State	Liquid. [on textured towels]	Color	Orange.
pH	9.5 to 10.5	Odor	Citrus
Boiling Point	100°C (212°F)	Vapor Pressure	Not available.
Specific Gravity	0.999	Vapor Density	Not available.
Solubility	Easily soluble in the following materials: cold water and hot water.	Evaporation Rate	1 (Water = 1)
		VOC (Consumer)	1.1 % (w/w) 0.0893 lbs/gal (10.7 g/l)

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	Under normal conditions of storage and use, hazardous polymerization will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information**Acute Toxicity**

Not available.

Section 12. Ecological Information

Environmental Effects	Not available.
Aquatic Ecotoxicity	

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 Origin: RCRA waste.
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Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not regulated.	-	-	-	
IMDG Class	Not regulated.	-	-	-	

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:

No products were found.

Clean Water Act (CWA) 307: triclosan

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.

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.