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Zep ReFresh II

Staph-Kil Disinfectant

Material Safety Data Sheet



Superior Solutions

Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name ZEP SPIRIT II READY-TO-USE
DETERGENT DISINFECTANT

Product use Cleaner - Disinfectant - Deodorant.

Product code 0679

Date of issue 08/13/08 **Supersedes** 11/08/04

This product is a registered pesticide. EPA ID No. 1839-83-1270

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (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

CALCASIEU PARISH SCHOOL BOARD
3310 BROAD STREET
JANITORIAL WAREHOUSE
LAKE CHARLES LA 70615

Printing date: 05/26/09

Section 2. Hazards Identification

Emergency overview

CAUTION !

CAUSES EYE IRRITATION.

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.

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

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acute Effects **Routes of Entry** Dermal contact. Eye contact.

Eyes Causes 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 Avoid breathing vapors, spray or mists. Over-exposure by inhalation may cause respiratory irritation.

Ingestion May be harmful if swallowed. Ingestion may cause gastrointestinal irritation and diarrhea.

Chronic effects Prolonged or repeated contact may dry skin and cause irritation. Contains material which may cause damage to the following organs: blood, kidneys, liver.

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

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

DIETHYLENE GLYCOL MONOBUTYL ETHER; 2-(2-butoxyethoxy)-ethanol; butyl carbitol	112-34-5	1 - 10
TETRASODIUM ETHYLENEDIAMINE TETRAACETATE; ethylenediamine tetraacetic acid; tetrasodium salt	64-02-8	1 - 5
QUATERNARY AMMONIUM CHLORIDES; blend of alkyl dimethylbenzyl ammonium chlorides, alkyl dimethyl ethylbenzyl ammonium chlorides, and ethanol	68391-01-5; 68956-79-6; 64-17-5	<1

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 immediately.

Skin Contact Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation Move exposed person 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 vomiting occurs, the head should be kept low so that vomit does not enter the lungs. 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 12. Ecological Information**Environmental Effects** Toxic to aquatic organisms.**Aquatic Ecotoxicity**

Product/ingredient name	Test	Result	Species	Exposure
Quaternary Ammonium Chlorides	-	Acute EC50 0.058 mg/L	Daphnia	48 hours
	-	Acute LC50 0.52 mg/L	Fish - Bluegill.	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-hazardous waste**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not regulated.	Not a DOT controlled material (United States).			
IMDG Class	Not determined.				

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

Diethylene Glycol Monobutyl Ether

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:** Diethylene Glycol Monobutyl Ether

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.

Material Safety Data Sheet



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CALCASIEU PARISH SCHOOL BOARD
JANITORIAL WAREHOUSE
3310 BROAD ST
LAKE CHARLES LA 70615

Printing date: 02/18/09

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

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

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

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Acute Effects

Routes of Entry

Dermal contact. Eye contact.

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Ingestion May be harmful if swallowed. Ingestion may cause gastrointestinal irritation and diarrhea.

Chronic effects

Prolonged or repeated contact may dry skin and cause irritation. Contains material which may cause damage to the following organs: blood, kidneys, liver.

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

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Skin Contact Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation Move exposed person 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 vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

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SARA 313 toxic chemical notification and release reporting:

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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**

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ZEP Manufacturing Company
Acuity Specialty Products Group, Inc.
P.O. Box 2015
Atlanta, GA 30301
1-877-I-BUY-ZEP (428-9937)

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP REFRESH II
Product Use Disinfectant.
Product Code 1781
Date of issue 09/17/04 **Supersedes** 05/31/00

This product is a registered pesticide. Number: 1270-237

Emergency For MSDS Information:
Telephone Acuity Specialty Products Group, Inc.
Numbers Compliance Services 1-877-I-BUY-ZEP (428-9937)

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.
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CALCASIEU PARISH SCHOOL BOARD
JANITORIAL WAREHOUSE
3310 BROAD ST
LAKE CHARLES LA 70615

Printing date: 05/13/08

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	66.825	OSHA (United States). TWA: 1000 ppm
O-PHENYL PHENOL; 2-hydroxy biphenyl; 2-biphenylol	90-43-7	0.216	Not established
Para-Tertiary Amyl Phenol; p-Tertiary amylphenol; PTAP	80-46-6	0.054	ACGIH TLV (United States). TWA: 10 mg/m ³ 8 hour(s). Form: Dust

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Dermal contact. Eye contact.

Skin Hazardous in case of skin contact (irritant, sensitizer, permeator). Harmful if absorbed through the skin. Prolonged or repeated contact may dry skin and cause irritation. May cause allergic skin reactions with repeated exposure.

Eyes Hazardous in case of eye contact (irritant). 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 Harmful if swallowed.

HMIS

Health	1
Fire Hazard	3
Reactivity	0
Personal Protection	B

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

Chronic Effects The substance may be toxic to kidneys, liver, central nervous system (CNS), optic nerve. Repeated or prolonged exposure to the substance can produce target organs damage.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

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. Thoroughly clean shoes before reuse. 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. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 14. Transport Information**Proper shipping name** FLAMMABLE LIQUIDS, N.O.S. (Ethanol)**DOT Classification** 3**UN number** 1993**Section 15. Regulatory Information****U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:
o-Phenyl Phenol

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

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

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: o-Phenyl Phenol

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.

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