

Material Safety Data Sheet

Germ Free #0925

Version 1.1

Revision Date 2010.11.16

Print Date 2010.11.16

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Germ Free #0925
Product Use Description : Disinfectant Cleaner

Sold By : ALCO CHEM INC
45 N. Summit Street
Akron, OH 44308

Telephone : 1-800-589-2526

Emergency telephone number : CHEMTEL 1-800-255-3924

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview****Caution**

Form: liquid, Colour: Color depends on dye added, Odour: Varies with fragrance added

Hazard Summary : Irritating to eyes and skin.
Handle in accordance with good industrial hygiene and safety practice.

OSHA Hazards : IRRITANT

Potential Health Effects

Primary Routes of Entry : Eyes
Skin
Ingestion
Inhalation

Skin : Causes skin irritation.

Eyes : Causes eye irritation.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent
Didecyldimethylammonium chloride	7173-51-5	1,90
Water	7732-18-5	94,10 - 95,10
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	1,20

SECTION 4. FIRST AID MEASURES**First aid procedures**

- Inhalation : Remove to fresh air.
If breathing is irregular or stopped, administer artificial respiration.
- Skin contact : After contact with skin, wash immediately with plenty of soap and water.
Consult a physician.
- Eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Call a physician immediately.
- Ingestion : Call a physician immediately.
Clean mouth with water and drink afterwards plenty of water.
Do not induce vomiting without medical advice.
Never give anything by mouth to an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES**Flammable properties**

Flash point : > 199,99 °F (93,33 °C)

Fire fighting

Suitable extinguishing media : Dry powder
Water spray
Foam

Further information : Use water spray to cool unopened containers.

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Protective equipment and precautions for firefighters

Specific hazards during fire fighting : Heating or fire can release toxic gas.

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use respirator when performing operations involving potential exposure to vapour of the product.

Environmental precautions : Prevent product from entering drains.

Methods for containment / Methods for cleaning up : Sweep up or vacuum up spillage and collect in suitable container for disposal.
Do not flush into surface water or sanitary sewer system.

SECTION 7. HANDLING AND STORAGE**Handling**

Handling : Provide sufficient air exchange and/or exhaust in work rooms.
Avoid contact with skin and eyes.

Advice on protection against fire and explosion : Take precautionary measures against static discharges.

Storage

Requirements for storage areas and containers : Keep container tightly closed and dry.

Further information on storage conditions : Keep away from food, drink and animal feedingstuffs.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Contains no substances with occupational exposure limit values.

Engineering measures**Personal protective equipment**

Eye protection : Tightly fitting safety goggles

Hand protection : Suitable material : Nitrile rubber
Break through time : > 480 min

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Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place. No special protective equipment required.
- Respiratory protection : In the case of vapour formation use a respirator with an approved filter.
- Hygiene measures : Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

- Form : liquid
- Colour : Color depends on dye added
- Odour : Varies with fragrance added

Safety data

- Flash point : > 199,99 °F (93,33 °C)
- pH : 10 - 11
- Water solubility : Note: soluble

SECTION 10. STABILITY AND REACTIVITY

- Conditions to avoid : Remarks: None known.
- Materials to avoid : Remarks: Strong oxidizing agents
Reducing agents
- Hazardous decomposition products : Note: Thermal decomposition can lead to release of irritating gases and vapours.
- Hazardous reactions : None known.
Note: Stable

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SECTION 11. TOXICOLOGICAL INFORMATION

Further information : Information given is based on data on the components and the toxicology of similar products.

The following toxicological data refer to:**N,N-Didecyl-N,N-dimethylammonium chloride (CAS-No.: 7173-51-5)**

Acute oral toxicity : LD50 rat
Dose: 238 mg/kg
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 rabbit
Dose: 3 342 mg/kg

Skin irritation : rabbit
Classification: Causes burns.
Result: irritating
Method: OECD Test Guideline 404
Exposure time: 3 min

Eye irritation : rabbit
Classification: Risk of serious damage to eyes.
Result: Corrosive
Exposure time: 1 h

Sensitisation : Buehler Test guinea pig
Classification: Did not cause sensitization on laboratory animals.
Result: not sensitizing
Method: US-EPA

Didecyldimethylammonium chloride (CAS-No.: 7173-51-5)

Acute oral toxicity : LD50 rat
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Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 rabbit
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Skin irritation : rabbit

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Result: not sensitizing
Method: US-EPA

SECTION 12. ECOLOGICAL INFORMATION

Additional ecological information : There is no data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

DOT
Not dangerous goods

TDG
Not dangerous goods

IATA
Not dangerous goods

IMDG-CODE
Not dangerous goods

RID
Not dangerous goods

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : Irritant
CERCLA Reportable Quantity : 20 000 lbs
SARA 311/312 Hazards : Acute Health Hazard

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EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

SARA 302 Components : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know Components : No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components : No components are subject to the Pennsylvania Right to know act

New Jersey Right To Know Components : No components are subject to the New Jersey Right to know act

California Prop. 65 Components : This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Federal regulatory information:

This product is EPA registered : EPA registration No: 47371-37

SECTION 16. OTHER INFORMATION**Further information**

HMIS Classification : Health hazard: 2
Flammability: 1
Reactivity: 0

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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