

Safety Data Sheet

Issue Date: 4-Aug-2014

Revision Date: 4-Aug-2014

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Clear Blue

Other means of identification

SDS # Clear Blue

Recommended use of the chemical and restrictions on use

Recommended Use Cleaning Compound

Details of the supplier of the safety data sheet

Supplier Address

Janitorial Depot of America, Inc
4301 Woodland Park Dr #104
West Melbourne, Fl. 32904

Emergency Telephone Number

Company Phone Number 321-242-2110
Emergency Telephone (24 hr) 800-535-5053 Info Trac #97581

2. HAZARDS IDENTIFICATION

Physical State Liquid

Classification

| | |
|-----------------------------------|------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |
| Flammable Liquids | Category 4 |

Hazards Not Otherwise Classified (HNOC)

None

Signal Word

Danger

Hazard Statements

Causes skin irritation
Causes serious eye Damage
Combustible Liquid



Precautionary Statements - Response

IF ON SKIN: Wash with plenty of soap and water

Take off contaminated clothing and wash it before reuse

If skin irritation or rash occurs: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

In case of fire: Use dry chemical for extinction

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Precautionary Statements - Storage

Store in a well-ventilated place. Keep Cool.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|-----------------------------|-----------|----------|
| Isopropanol | 67-63-0 | 40-45 |
| 2-Butoxyethanol | 111-76-2 | 15-20 |
| Sodium Laurel Ether Sulfate | 6858-34-2 | 1-5 |
| Monoethanolamine | 141-43-5 | 1-5 |

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

| | |
|---------------------|---|
| Eye Contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| Skin Contact | Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. |
| Inhalation | Remove to fresh air. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. |

Most important symptoms and effects

| | |
|-----------------|---|
| Symptoms | Contact may cause irritation and redness. |
|-----------------|---|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Combustible Liquid

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Use personal protection recommended in Section 8. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid breathing vapors or mists.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s)

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------------------------------|------------------------|---|---|
| 2-Butoxyethanol 111-76-2 | TWA: 20 ppm | TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) | IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³ |
| Monoethanolamine 141-43-5 | STEL: 6 ppm TWA: 3 ppm | TWA: 3 ppm TWA: 6 mg/m ³ (vacated) TWA: 3 ppm (vacated) TWA mg/m ³ (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m ³ | IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³ |
| Isopropanol 67-63-0 | TWA: 200 ppm | 980 mg/M3 400 ppm | - |
| Sodium Laurel Ether Sulfate 6858-34-2 | TWA: 1000 ppm | TWA: 1000 ppm | - |

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Avoid contact with eyes.

Skin and Body Protection Wear suitable protective clothing.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|----------------|-----------------------|----------------|
| Physical State | Liquid | Odor | Not determined |
| Appearance | Not determined | Odor Threshold | Not determined |
| Color | Blue | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-------------------------------------|----------------|-------------------------|
| pH | Not determined | |
| Melting Point/Freezing Point | Not determined | |
| Boiling Point/Boiling Range | Not determined | |
| Flash Point | Not determined | |
| Evaporation Rate | Not determined | |
| Flammability (Solid, Gas) | n/a-liquid | |
| Upper Flammability Limits | Not determined | |
| Lower Flammability Limit | Not determined | |
| Vapor Pressure | Not determined | |
| Vapor Density | Not determined | |
| Specific Gravity | Not determined | |
| Water Solubility | Not determined | |
| Solubility in other solvents | Not determined | |
| Partition Coefficient | Not determined | |
| Auto-ignition Temperature | Not determined | |
| Decomposition Temperature | Not determined | |
| Kinematic Viscosity | Not determined | |
| Dynamic Viscosity | Not determined | |
| Explosive Properties | Not determined | |
| Oxidizing Properties | Not determined | |

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|---|
| Eye Contact | Avoid contact with eyes. |
| Skin Contact | May cause an allergic skin reaction. Causes skin irritation. May be harmful in contact with skin. |
| Inhalation | Avoid breathing vapors or mists. |
| Ingestion | Do not taste or swallow. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|----------------------|--|---|
| 2-Butoxyethanol 111-76-2 | = 470 mg/kg (Rat) | = 2270 mg/kg (Rat) = 220 mg/kg (Rabbit) | = 2.21 mg/L (Rat) 4 h = 450 ppm (Rat) 4 h |
| Monoethanolamine 141-43-5 | = 1720 mg/kg (Rat) | = 1 mL/kg (Rabbit) = 1025 mg/kg (Rabbit) | - |
| Isopropanol 67-63-0 | = 5840 mg/Kg (Rat) | > 12800 mg/Kg (Rabbit) | > 10000 ppm, 6h, Vapor rat |
| Sodium Lauryl Ether Sulfate: 6858-34-2 | 1000 mg/kg (Rat) | 1000 mg/kg (Rabbit) | - |

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Not classifiable as a human carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|--------------------------|-------|---------|-----|------|
| 2-Butoxyethanol 111-76-2 | A3 | Group 3 | | |

Legend

*IARC (International Agency for Research on Cancer)
Group 3 IARC components are "not classifiable as human carcinogens"*

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Harmful to aquatic life

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--------------------------|----------------------|--|----------------------------|--|
| 2-Butoxyethanol 111-76-2 | | 1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50 | | 1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50 |

| | | | | |
|--------------------------------------|--|--|---|---|
| Monoethanolamine 141-43-5 | 15: 72 h Desmodesmus subspicatus mg/L EC50 | 227: 96 h Pimephales promelas mg/L LC50 flow- through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through | | 65: 48 h Daphnia magna mg/L EC50 |
| Isopropanol 67-63-0 | ErC50 green algae, static test, growth rate inhibition, 72 h: >1000 mg/L | LC50 fathead minnow, flow-through test, 96h: 9640 mg/L | - | LC50 water flea, immobilization, 24 h: >1000 mg/L |
| Sodium Lauryl Sulfate: 68585-47-7 | | 0.59: fathead minnow, flow-through test, 96 h, LC50 mg/L | | |

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

| Chemical Name | California Hazardous Waste Status |
|---------------|-----------------------------------|
| | |

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

15. REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations

SARA 313

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|----------------------------|----------|----------|-------------------------------|
| 2-Butoxyethanol - 111-76-2 | 111-76-2 | 1-10 | 1.0 |

US State Regulations**U.S. State Right-to-Know Regulations**

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---------------------------|------------|---------------|--------------|
| 2-Butoxyethanol 111-76-2 | X | X | X |
| Monoethanolamine 141-43-5 | X | X | X |
| Isopropanol: 67-63-0 | X | X | X |

16. OTHER INFORMATION**NFPA****Health Hazards**

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS**Health Hazards**

Not determined

Flammability

Not determined

Physical Hazards

Not determined

Personal Protection

Not determined

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Revision Note: New format

Disclaimer

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End of Safety Data Sheet