



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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| Manufacturer: Ver-tech Labs 6801 Bleck Drive Rockford, MN 55373 1-877-866-9742 | Product Name: Flex-O-Clean Product Code: FLE100 Recommended Use: Multi-purpose cleaner Revision Date: 5/18/2015 |
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Chemical Emergency: Infotrac: 1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION

GHS Hazard Classification

| | |
|---------------|------------|
| Skin Irritant | Category 2 |
| Eye Irritant | Category 2 |

Signal Word

WARNING!



Hazard Statements

Causes skin irritation
 Causes serious eye irritation

Precautionary Statements - Prevention

Wash thoroughly after handling
 Wear protective gloves and eye protection

Precautionary Statements - Response

In on skin: Wash with plenty of water
 Wash contaminated clothing before reuse
 If skin irritation 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

Precautionary Statements - Storage

Precautionary Statements - Disposal

SECTION 3: INFORMATION ON HAZARDOUS INGREDIENTS

Product is a mixture according to 29 CFR 1910.1200.

Hazardous Components

| Hazardous Ingredients | Cas # | Weight % |
|-----------------------|--------------|----------|
| Disodium metasilicate | 6834-92-0 | 0 - 5% |
| 2-butoxyethanol | 111-76-2 | 0 - 5% |
| Proprietary Blend | Trade Secret | 0 - 5% |

Specific chemical identity and/or exact percentage of components has been withheld in accordance with a trade secret claim according to Appendix E 29 CFR 1910.1200.

SECTION 4: FIRST-AID MEASURES

First Aid Measures

General Advice: Harmful if swallowed. Causes skin corrosion and eye irritation.

Eye Contact: Immediately flush with cool running water for at least 15 minutes while holding eyelids apart. Do not rub affected area. Remove contact lenses if applicable.

Skin Contact: Wash off immediately with soap and water while removing all contaminated clothes and shoes.

Ingestion: If swallowed, may cause burning of the mouth, throat and stomach. Call immediately for medical assistance. DO NOT induce vomiting. Rinse mouth with water, then drink 1-2 glasses of water. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air.

Most Important Symptoms and Effects

Symptoms: Irritation to eyes and skin. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

Indication of any immediate medical attention and special treatment needed

Note to Physician: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES**Flammable Properties**

Flammability: Not considered to be a fire hazard.
Explosive Prop: Not considered to be an explosive hazard.

Extinguishing Media

Suitable: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable: Do not use water jet as an extinguisher, as this will spread the fire.

Specific Hazards Arising from Chemical

Hazards: During fire, gases hazardous to health may be formed.

Protective equipment and precautions for fire-fighters

Fire-Fight Method: In the event of a fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate personnel to safe areas. Isolate hazard area and deny entry. Stay upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes or clothing.

Environ. Precautions: Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.

Clean-Up Method: Soak-up with inert absorbent material and place into appropriate container for disposal. Clean contaminated area thoroughly with water. Prevent product from entering drains.

SECTION 7: HANDLING AND STORAGE

Handling: Use personal protective equipment when needed. Avoid contact with skin, eyes, and clothing. Wash hands before eating, drinking, or smoking. Remove contaminated clothes and wash before reuse. Use in a ventilated area.

Storage: Store in closed containers in cool, dry, well-ventilated area. Avoid overheating or freezing. Keep in properly labeled containers and out of reach of children.

Incomp. Materials: Oxidizing agents. Strong acids. Prolonged contact with alkali sensitive metals and alloys.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Guidelines**

| Hazardous Chemical | OSHA PEL | ACGIH TLV |
|-----------------------|--------------------------|--------------------------|
| Disodium metasilicate | 3 mg/m ³ | No information available |
| 2-butoxyethanol | 50 ppm | 20 ppm |
| Proprietary Blend | No information available | No information available |

Appropriate Engineering Controls

Eng. Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protection Equipment (PPE)

Eyes: Recommend safety goggles or shield.
Respiratory: Not usually necessary where ventilation is sufficient to maintain vapors under the TLV limit.
Skin: Avoid skin contact. Recommend chemical resistant gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State: Liquid
Appearance: Purple liquid
Freezing Point: Not determined
Boiling Point: Not determined

| | | | |
|--------------------------|--------------------------|----------------------------|----------------|
| Color: | Purple | Evaporation Rate: | Not determined |
| Odor: | Mild | Vapor Pressure: | Not determined |
| Odor Threshold: | No information available | Vapor Density: | Not determined |
| pH: | 10.0 - 12.0 | Relative Density: | Not determined |
| Flash Point: | Not determined | Flammability: | Not determined |
| Water Solubility: | Soluble in water | Explosive Limits: | Not determined |
| Viscosity: | Not determined | Part. Coefficient: | Not determined |
| Specific Gravity: | 1.04 | Auto-ignition Temp: | Not determined |
| Melting Point: | Not determined | Decomp. Temp: | Not determined |

SECTION 10: STABILITY AND REACTIVITY

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| Stability: | Stable under ordinary conditions of use and storage. |
| Haz. Decomposition: | Thermal decomposition can lead to release of irritating and toxic gases and vapors. |
| Haz. Polymerization: | No information available. |
| Incompatibilities: | Oxidizing agents. Strong acids. Prolonged contact with alkali sensitive metals and alloys. |
| Conditions to Avoid: | Heat, moisture and incompatibles. |

SECTION 11: TOXICOLOGY INFORMATION**Component Information**

| Hazardous Chemical | LD50 Oral | LD50 Dermal |
|-----------------------|--------------------------|--------------------------|
| Disodium metasilicate | 600 mg/kg (rat) | No information available |
| 2-butoxyethanol | 1300 mg/kg (rat) | > 2000 mg/kg (rat) |
| Proprietary Blend | No information available | No information available |

Potential Health Effects

| | |
|-------------------------|---|
| Exposure Routes: | Eye Contact, Dermal Contact, Ingestion, Inhalation |
| Acute Toxicity: | |
| Eyes: | Causes eye irritation with tearing, redness, and impaired vision. |
| Skin: | Causes skin irritation, redness, and itching. |
| Ingestion: | Harmful if swallowed. |
| Inhalation: | Respiratory irritant. |
| Chronic Effects: | Avoid repeated exposure. May aggravate pre-existing medical conditions including eye, skin and respiratory disorders. |
| Carcinogenicity: | Not classifiable as a human carcinogen by OSHA, NTP or IARC. |

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

| Hazardous Chemical | Toxicity to Fish | Toxicity to Invertebrates |
|-----------------------|--------------------------------------|------------------------------|
| Disodium metasilicate | No information available | No information available |
| 2-butoxyethanol | 1474 mg/l (96h: Oncorhynchus mykiss) | 1500 mg/l (48 h: water flea) |
| Proprietary Blend | No information available | No information available |

Environmental Toxicity

| | |
|-------------------------|---------------------------|
| Biodegradation: | No information available. |
| Persistence: | No information available. |
| Bioaccumulation: | No information available. |
| Mobility: | No information available. |

SECTION 13: DISPOSAL CONSIDERATIONS

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|------------------------|--|
| Waste Disposal: | Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations. Do not dispose of in the environment, in sewage, and/or in drains. |
| Container: | Drain contaminated container thoroughly. Do not reuse container. |

SECTION 14: TRANSPORT INFORMATION

Transport in accordance with all federal, state, and local regulations.

DOT

Proper Name: NA
Hazard Class: NA
UN Number: NA
Packing Group: NA
Special Provisions: Not regulated as a dangerous good.

SECTION 15: REGULATORY INFORMATION**US Federal Regulations**

TSCA Status: All components of this product are listed or exempt from listing on TSCA inventory.
CERCLA Reportable Quantity: None

U.S. State Right-to-Know Regulations

| Hazardous Chemical | California Proposition 65 |
|--------------------|---------------------------|
| None | |

Section 311/312 Hazard Category

| | | | |
|------------------------------------|----------|-----------------|--------|
| Acute Health Hazard: | 111-76-2 | 2-butoxyethanol | 0 - 5% |
| Chronic Health Hazard: | No | | |
| Fire Hazard: | 111-76-2 | 2-butoxyethanol | 0 - 5% |
| Sudden Release of Pressure: | No | | |
| Reactive Hazard: | No | | |
| Section 313 Toxic Chemicals | 111-76-2 | 2-butoxyethanol | 0 - 5% |

SECTION 16: OTHER INFORMATION

Prepared by: Health and Safety Department
Issue Date: 5/18/2015
Revision Date: 5/18/2015
Revision Note: MSDS converted to GHS SDS format
Version: 1

Disclaimer: The information provided in this Safety Data Sheet has been obtained from sources believed to be reliable. This information is offered for your information, consideration, and investigation. Ver-tech Labs cannot anticipate all conditions under which this information and its product may be used. 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. It is the user's responsibility to assume liability for loss, injury, damage or expense due to improper use.

End of Safety Data Sheet