

Issue Date: 03/31/15

Version: 1.3

Revision Date: 05/20/16

Trade Name: V-100 Cleaner Degreaser

**1 Identification**
**1.1 Product Identifier**
**Product Name:** V-100 Cleaner Degreaser

**1.2 Application of the substance / the preparation:**

Floor Cleaner &amp; Degreaser

**1.3 Details of the supplier of the safety data sheet**
**Manufacturer/Supplier:**

 Versatile Building Products  
 245 Carl Karcher Way  
 Anaheim, Ca 92801  
 U.S.A.

**Information department**

 Health and Safety (8 AM to 5 PM-PST) 1-714-829-2600  
 MSDS@garagecoatings.com

**1.4 Emergency telephone number:**

 Infotrac: (800) 535-5053 (North America)  
 (352) 323-3500 (International)

**2 Hazard(s) identification**
**2.1 Classification of the substance or mixture**
**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Skin Corrosion	Category 1C
Serious Eye Damage	Category 1

**2.2 GHS Label Elements, including precautionary statements**

**Pictogram**
**Signal Word**

Danger

**Appearance:** Opaque Viscous Liquid

**Physical State:** Liquid

**Odor:** Slight

**Hazard statements**

 Causes severe skin burns and eye damage  
 May cause an allergic skin reaction

**Precautionary statement(s) - Prevention**

 Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 Keep container tightly closed.

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Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
 Wash skin thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Contaminated work clothing should not be allowed out of the workplace.  
 Avoid release to the environment.  
 Wear protective gloves/ protective clothing/ eye protection/ face protection.

#### Precautionary statement(s) - Response

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Call a POISON CENTER or doctor/ physician if you feel unwell.  
 If skin irritation or rash occurs: Get medical advice/ attention.  
 If eye irritation persists: Get medical advice/ attention.  
 Take off contaminated clothing and wash before reuse.  
 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
 Collect spillage.

#### Precautionary statement(s) - Storage

Store in a well-ventilated place. Keep container tightly closed.  
 Store in a well-ventilated place. Keep cool.

#### Precautionary statement(s) - Disposal

Dispose of contents/ container to an approved waste disposal plant.

### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS –

Corrosive  
 Components of the product may affect the nervous system  
 Severe eye irritant  
 Severe respiratory irritant  
 May cause sensitization by skin contact

<b>3 Composition/information on ingredients</b>
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#### 3.1 Mixtures

Hazardous Ingredients

Material	CAS #	%	OSHA (PEL)	TLV (ppm)
2-Butoxyethanol	111-76-2	<10	25 ppm	25 ppm
Sodium Metasilicate	1344-09-8	<5	N/A	N/A
Sodium Hydroxide	1310-73-2	<2	N/A	2 mg/m3

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**4 First-aid measures****4.1 Description of first aid measures****General advice**

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

**After inhalation:**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**After skin contact:**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**After eye contact:**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

**After swallowing:**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**4.2 Most important symptoms/effects, acute and delayed:**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**4.3 Indication of immediate medical attention and special treatment needed****5 Firefighting Measures****5.1 Extinguishing media****Suitable extinguishing media**

For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

**5.2 Special hazards arising from the substance or mixture**

Carbon oxides, Hydrogen chloride gas, Hydrogen fluoride

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further information**

Use water spray to cool unopened containers.

**6 Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

For personal protection see section 8.

**6.2 Environmental precautions**

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Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal see section 13.

## 7 Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8 Exposure controls/personal protection

### 8.1 Control parameters

#### Components with workplace control parameters

Material	CAS #	OSHA (PEL)	TLV (ppm)
2-Butoxyethanol	111-76-2	25 ppm	25 ppm
Sodium Metasilicate	1344-09-8	N/A	N/A
Sodium Hydroxide	1310-73-2	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>

### 8.2 Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

##### Eye/face protection

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

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If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

### Body Protection

Impervious clothing, Flame retardant antistatic protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

<b>9 Physical and Chemical Properties</b>
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<b>9.1 Information on basic physical and chemical properties</b>
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<b>a) Appearance</b>	Form: Opaque, viscous liquid Colour: Green
<b>b) Odour</b>	Slight
<b>c) Odour Threshold</b>	No data available
<b>d) pH</b>	9-10
<b>e) Melting point/freezing point</b>	0 °C, (32 °F)
<b>f) Initial boiling point and boiling range</b>	>212°F
<b>g) Flash point</b>	>200°F
<b>h) Evaporation rate</b>	no data available
<b>i) Flammability (solid/gas)</b>	no data available
<b>j) Upper/lower flammability or explosive limits</b>	no data available
<b>k) Vapour pressure</b>	~17 mm Hg (20 °C)
<b>l) Vapour density</b>	>1
<b>m) Relative density</b>	1.05 g/cm <sup>3</sup> at 25°C (77°F)
<b>n) Water solubility</b>	Soluble
<b>o) Partition coefficient: n-octanol/water</b>	no data available
<b>p) Auto-ignition temperature</b>	no data available
<b>q) Decomposition temperature</b>	no data available
<b>r) Viscosity</b>	200-400 CPS at 25°C (77°F)
<b>s) Explosive properties</b>	no data available
<b>t) Oxidizing properties</b>	no data available

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u) <b>VOC Material, g/L</b>	120 g/L
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## 9.2 Other safety information

No data available

<b>10 Stability and reactivity</b>
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### 10.1 Control parameters

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

Heat, flames and sparks.

### 10.5 Incompatible materials

Strong bases, Strong oxidizing agents

### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Tin/tin oxides  
 Other decomposition products - no data available  
 In the event of fire: see section 5

<b>11 Toxicological Information</b>
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## 11.1 Information on likely routes of exposure

### Product information

<b>Inhalation</b>	Harmful if inhaled
<b>Eye Contact</b>	Avoid contact with eyes
<b>Skin Contact</b>	Harmful if absorbed through the skin
<b>Ingestion</b>	Harmful if swallowed

### Component Information

## 11.2 Information on physical, chemical and toxicological effects

**Symptoms** Causes eye irritation. Causes skin irritation. Stomach ache, nausea, vomiting, dullness, vision disorder, and blindness.

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

<b>Sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	Carcinogenic potential is unknown
<b>Reproductive toxicity</b>	This product does contain known or suspected reproductive hazards
<b>STOT – Single exposure</b>	No data available
<b>STOT – Repeated exposure</b>	No data available

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**11.4 Numerical measures of toxicity - Product**

Not determined

**Additional Information**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

<b>12 Ecological information</b>
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**12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

<b>13 Disposal considerations</b>
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**13.1 Waste treatment methods****Product**

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Diluted product can be flushed to sanitary sewer. Discard empty container in trash. Dispose of waste in accordance with federal, state, and local regulations.

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**14 Transport information****DOT (US)**

UN number: UN1760                      Class: 8                      Packing group: III

Proper shipping name: Corrosive Liquid n.o.s. (sodium hydroxide)

Marine pollutant: No

Poison Inhalation Hazard: No

**Limited Quantity: 5 L****U.S. Hazmat and/or International DG shipment Exception**

The supplier may apply one of the following exceptions: Combustible liquid, Consumer Commodity, **Limited Quantity**, Viscous Liquid, Does not sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

**15 Regulatory information****United States Regulatory Information****TSCA 8 (b) Inventory Status**

All Components are listed or exempt from listing on the Toxic Substances Control Act Inventory.

**TSCA 12 (b) Export Notification**

None above reporting de minimus

**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.

**SARA 311/312 Hazards**

Acute health hazard	Yes
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

**California Prop. 65 Components**

This product may contain chemical(s) known to the state of California to cause cancer and/or birth defects. For additional information please contact Versatile Building Products Customer Service or [msds@garagecoatings.com](mailto:msds@garagecoatings.com)



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**Canada Regulatory Information****CEPA DSL/NDSL Status:**

All components are listed on or are exempt from listing on the Domestic Substances List.

<b>16 Other information</b>
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Revision Date: 20-May-2016

Revision Note: Update information

## HMIS Rating

Health Hazard: 1

Flammability: 1

Physical Hazard: 0

## NFPA Rating

Health Hazard: 1

Fire Hazard: 1

Reactivity Hazard: 0

**Disclaimer:**

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