1 | PRODUCT AND COMPANY IDENTIFICATION

Product Name: Graffitti Remover Brick, Masonry & Concrete Cleaner  
Revision Date: June 27, 2017  
Version: 44-77E  
SDS Number: L698033

Manufactured for: Kärcher North America  
Kärcher North America  
4555 Airport Way  
6535 Millcreek Drive, Unit 67  
Denver, CO 80239  
Mississauga, ON L5N 2M2  
Phone: 303-738-2400  
Phone: 905-672-8233  
Email: info@karcherna.com

Canadian Contact:  
Kärcher North America  
6535 Millcreek Drive, Unit 67  
Mississauga, ON L5N 2M2  
Phone: 905-672-8233  
Email: info@karcherna.com

Emergency Information: INFOTRAC 1-800-535-5053  
International 1-352-323-3500

2 | HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
- Physical, Flammable Liquids, 2  
- Health, Acute toxicity, 4 Oral  
- Health, Acute toxicity, 4 Dermal  
- Health, Serious Eye Damage/Eye Irritation, 1

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:

- Flammable  
- Corrosive  
- Caution

GHS Hazard Statements:
- H225 - Highly flammable liquid and vapour  
- H302 - Harmful if swallowed  
- H312 - Harmful in contact with skin  
- H318 - Causes serious eye damage

GHS Precautionary Statements:
- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
- P233 - Keep container tightly closed.  
- P241 - Use explosion-proof electrical/ventilating/light/equipment.  
- P242 - Use only non-sparking tools.  
- P243 - Take precautionary measures against static discharge.  
- P264 - Wash thoroughly with soap and water after handling.  
- P270 - Do not eat, drink or smoke when using this product.  
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
- P370+378 - In case of fire: Use ABC extinguisher for extinction.
Route of Entry: Eyes, Skin, Inhalation:

Target Organs: Eyes; Skin; Respiratory system;

Inhalation: Can cause irritation and inflammation of the respiratory tract.

Skin Contact: Irritating to skin; may cause burns, blisters and itching.

Eye Contact: Irritating to eyes, eye damage may occur.

Ingestion: Irritating to intestinal tract; may cause burns, vomiting, stomach pain, and disorientation.

NFPA: Health = 3, Fire = 4, Reactivity = 0, Specific Hazard = n/a

HMIS III: Health = 3, Fire = 4, Physical Hazard = 0

HMIS PPE: B - Safety Glasses, Gloves

**COMPOSITION/INFORMATION OF INGREDIENTS**

**Ingredients:**

<table>
<thead>
<tr>
<th>Cas#</th>
<th>%</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>31%</td>
<td>Ethanol</td>
</tr>
<tr>
<td>67-63-0</td>
<td>1%</td>
<td>Isopropanol</td>
</tr>
<tr>
<td>1310-58-3</td>
<td>27%</td>
<td>Potassium hydroxide</td>
</tr>
<tr>
<td>111-76-2</td>
<td>7%</td>
<td>Ethylene Glycol Butyl Ether</td>
</tr>
</tbody>
</table>

OSHAA Regulatory Status:
This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

**FIRST AID MEASURES**

**Inhalation:** Remove from exposure and get fresh air. Keep warm and at rest. Get medical attention immediately if artificial respiration is required.

**Skin Contact:** Remove contaminated clothing, jewelry and shoes immediately. Flush affected area with large amounts of water, then use soap or mild detergent and large amounts of water for 15-20 minutes to cleanse area. If skin is severely irritated or burned, get medical attention immediately.

**Eye Contact:** Immediately flush eyes with large amounts of water occasionally lifting upper and lower lids for at least 15 minutes. Get immediate medical attention.

**Ingestion:** Rinse mouth with water. DO NOT INDUCE VOMITING unless instructed to by medical personnel. If vomiting occurs keep head lower than hips to help prevent aspiration. If person is unconscious, do not induce vomiting; turn their head to the side. Never make an unconscious person vomit or drink fluids. Get medical attention.

**FIRE FIGHTING MEASURES**
Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

**ACCIDENTAL RELEASE MEASURES**

Isolate area; keep unnecessary personnel away. Do not discharge into drains. Ventilate closed spaces before entering. Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. Wear appropriate protective equipment and clothing during cleanup. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

**HANDLING AND STORAGE**

Handling Precautions: Do not get in eyes, on skin, or on clothing. Do not breathe vapor. Keep container closed. Promptly clean up spills. Wash thoroughly after handling.

Storage Requirements: Store out of reach of children; keep container closed; store in a cool, well-ventilated place.

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Normal room ventilation is satisfactory for limited use. HMIS PP, B | Safety glasses, Gloves

**PHYSICAL AND CHEMICAL PROPERTIES**

- **Appearance:** Clear yellow
- **Physical State:** Liquid
- **Spec Grav./Density:** 8.74 lb/gallon
- **pH:** 12.8 @ 5% solution
- **Odor:** Alcohol
- **Solubility:** Alcohol

**STABILITY AND REACTIVITY**

Product is stable under normal conditions.

**TOXICOLOGICAL INFORMATION**

Ethanol 64-17-5

Oral (LD 50): 7060 mg/kg - Rat
Inhalation (LC 50): 20000 ppm/10H - Rat
Skin irritation: Mild - Rabbit
Eye irritation: Severe - Rabbit
Sensitation: Not considered an occupational sensitizer

Isopropanol 67-63-0
Oral (LD 50): 5045 mg/kg - Rat
Inhalation (LC 50): 16000 ppm/8H - Rat
Skin irritation: Mild - Rabbit
Eye irritation: Severe - Rabbit
Sensitation: Not considered an occupational sensitizer

Potassium hydroxide 1310-58-3
Oral (LD 50): 273 mg/kg - Rat
Inhalation (LC): Not listed on RTECS
Skin irritation: Severe - Human
Eye irritation: Severe - Rabbit
Sensitation: Not considered an occupational sensitizer

12 ECOLOGICAL INFORMATION

On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are followed.

13 DISPOSAL CONSIDERATIONS

Recommendation: Consult with the disposal agency and the relevant authorities. Empty containers may be cleaned with water.

14 TRANSPORT INFORMATION

UN2920 Corrosive liquids, flammable, n.o.s., 8, (Potassium hydroxide, Ethanol), II
Ship in accordance with 49 CFR parts 100-185.
Component (CAS#) [%] - CODES

Ethanol (64-17-5) [31%] MASS, OSHAWAC, PA, TSCA, TXAIR
Isopropanol (67-63-0) [1%] MASS, NJHS, NRC, OSHAWAC, PA, SARA313, TSCA, TXAIR, WHMIS
RQ(1000LBS), Potassium hydroxide (1310-58-3) [27%] CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR, WHMIS
Ethylene Glycol Butyl Ether (111-76-2) [7%] MASS, OSHAWAC, PA, TSCA, TXAIR, WHMIS

Regulatory CODE Descriptions

All components are listed on TSCA

CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
NRC = Nationally Recognized Carcinogens
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
RQ = Reportable Quantity
SARA313 = SARA 313 Title III Toxic Chemicals
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
WHMIS = Workplace Haz Mat Info Sys Canada

OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager