

BIOSAFE™ ACRYLIC FINISH STRIPPER

1: PRODUCT AND COMPANY IDENTIFICATION

Product: BioSafe® Acrylic Finish Stripper **Product Number:**
Name: BioSafe® Acrylic Finish Stripper
Recommended Use: Acrylic Floor Finish Remover


Uses Advised Against: Other than per labelled instructions

Manufacturer Address:
 Surface Cleaning Innovation, LLC
 10445 Cogdill Road
 Knoxville, TN 37932

Telephone: 1-865-343-0712
 Email: info@sciclean.com
 Internet: www.sciclean.com

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure of Accident. Call CHEMTREC Day or Night.
 Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)

2: HAZARDS IDENTIFICATION

Classification: Skin irritation : Category 2 Serious eye damage : Category 1
Signal Word: Danger
Pictogram: 

Hazard Statements: H315 Causes skin irritation
 H318 Causes serious eye damage

Precautionary Statements:
Prevention:
 P264 Wash skin thoroughly after handling.
 P280 Wear protective gloves/ eye protection/ face protection.
Response:
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISONCENTER/ doctor.
 P332 + P313 If skin irritation occurs: Get medical advice/ attention.
 P362 Take off contaminated clothing and wash before reuse.

Other Hazards: None
Supplemental Information: None

3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Ingredient	CAS Number	Weight %*
Alcohols, C9-11, ethoxylated	68439-46-3	5 - 25%
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	1 - 10%

* Exact concentration of the ingredients has been withheld as a trade secret.

4: FIRST AID MEASURES

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.
 Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.

In case of skin contact :	<p>If symptoms persist, call a physician.</p> <p>If skin irritation persists, call a physician.</p> <p>If on skin, rinse well with water.</p> <p>If on clothes, remove clothes.</p>
In case of eye contact :	<p>Small amounts splashed into eyes can cause irreversible tissue damage and blindness.</p> <p>In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>Continue rinsing eyes during transport to hospital.</p> <p>Remove contact lenses.</p> <p>Protect unharmed eye.</p> <p>Keep eye wide open while rinsing.</p> <p>If eye irritation persists, consult a specialist.</p>
If swallowed :	<p>Keep respiratory tract clear.</p> <p>Do NOT induce vomiting.</p> <p>Do not give milk or alcoholic beverages.</p> <p>Never give anything by mouth to an unconscious person.</p> <p>If symptoms persist, call a physician.</p> <p>Take victim immediately to hospital.</p>

5: FIRE-FIGHTING MEASURES

<u>Suitable Extinguishing Media:</u>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
<u>Specific Hazards:</u>	Do not allow run-off from fire fighting to enter drains or water courses
<u>Protective Equipment and Precautions:</u>	Use personal protective equipment.
<u>Further information:</u>	<p>Collect contaminated fire extinguishing water separately. This must not be discharged into drains.</p> <p>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.</p>
<u>Unsuitable extinguishing media :</u>	High volume water jet
<u>Special protective equipment for firefighters:</u>	Wear self-contained breathing apparatus for firefighting if necessary

6: ACCIDENTAL RELEASE MEASURES:

<u>Personal precautions, protective equipment and emergency procedures :</u>	Use personal protective equipment.
<u>Environmental precautions :</u>	Collect spillage.
<u>Methods and materials for containment and cleaning up :</u>	<p>Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).</p> <p>Keep in suitable, closed containers for disposal.</p>

7: HANDLING AND STORAGE

<u>Advice on protection against fire and explosion :</u>	Normal measures for preventive fire protection.
<u>Advice on safe handling :</u>	<p>Do not breathe vapours/dust.</p> <p>Avoid exposure - obtain special instructions before use.</p> <p>Avoid contact with skin and eyes.</p> <p>For personal protection see section 8.</p> <p>Smoking, eating and drinking should be prohibited in the application area.</p> <p>To avoid spills during handling keep bottle on a metal tray.</p> <p>Dispose of rinse water in accordance with local and national regulations.</p> <p>Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.</p>
<u>Conditions for safe storage :</u>	<p>Keep container tightly closed in a dry and well-ventilated place.</p> <p>Containers which are opened must be carefully resealed and kept upright to prevent leakage.</p> <p>Electrical installations / working materials must comply with the technological safety standards.</p>
<u>Recommended storage temperature :</u>	4 - 49 °C
<u>Storage period :</u>	24 Months

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection :	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.
Hand protection Remarks :	The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Eye protection :	Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection :	Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures :	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Odor:	Data not available
Odor Threshold:	Data not available
pH:	Data not available
Freezing Point:	Data not available
Boiling Point:	Data not available
Flash Point:	> 93 °C (> 199 °F) does not flash
Evaporation Rate:	Data not available
Flammability (solid/gas):	Data not available
Upper/Lower Flammability Limits:	Data not available
Vapor Pressure:	Data not available
Vapor Density:	Data not available
Relative Density:	1 - 1.03
Solubility:	Data not available
Partition Coefficient:	Data not available
Auto Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	Data not available
VOC:	Data not available

10: STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use
Stability:	Stable under normal conditions.
Hazardous Reactions:	No decomposition if stored and applied as directed
Conditions to Avoid:	Keep away from heat, flame, sparks and other ignition sources.
Incompatible Materials:	Acids, Bases, Halogens

11: TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute oral toxicity :	Acute toxicity estimate: 3,333 mg/kg
Acute dermal toxicity :	Acute toxicity estimate: > 5,000 mg/kg

Components:**68439-46-3:**

Acute oral toxicity :	Assessment: The component/mixture is moderately toxic after single ingestion.
Acute inhalation toxicity :	Remarks: No data available
Acute dermal toxicity :	LD50 (Rat): > 2,000 mg/kg

68584-22-5:

Acute oral toxicity :	Assessment: The component/mixture is moderately toxic after single ingestion.
Acute inhalation toxicity :	LC50 (Rat, male and female): > 1.9 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity :	Assessment: The component/mixture is moderately toxic after short term inhalation. Assessment: The component/mixture is moderately toxic after single contact with skin. Remarks: Based on data from similar materials

Skin corrosion/irritation**Components:****68439-46-3:**

Result: No skin irritation
Remarks: Based on data from similar materials

68584-22-5:

Species: Rabbit
Result: Irritating to eyes.

Respiratory or skin sensitisation**Components:****68439-46-3:**

Test Type: Maximization test
Species: Guinea pig
Result: Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity**Components:****68439-46-3:**

Genotoxicity in vitro :	Test Type: Ames test Species: Salmonella typhimurium Result: negative
Germ cell mutagenicity -Assessment :	Mutagenicity classification not possible from current data

Carcinogenicity**Components:****68439-46-3:**

Carcinogenicity - Assessment:	Carcinogenicity classification not possible from current data.
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Components:

68439-46-3:

Reproductive toxicity -
Assessment

Fertility classification not possible from current data.

Teratogenicity - Assessment :

Embryotoxicity classification not possible from current data.

Further information

Product:

Remarks: No data available

12: ECOLOGICAL INFORMATION

Ecotoxicity

Components:

68439-46-3:

Toxicity to fish :

LC50 (Pimephales promelas (fathead minnow)): 12 mg/l
Exposure time: 96 h

Toxicity to daphnia and other
aquatic invertebrates :

EC50 (Daphnia magna (Water flea)): 5.4 mg/l
Exposure time: 48 h

Toxicity to algae :

ErC50 (Desmodesmus subspicatus (green algae)): > 8.9 mg/l
Exposure time: 72 h

Acute aquatic toxicity-
Assessment :

Very toxic to aquatic life.

Chronic aquatic toxicity-
Assessment :

Harmful to aquatic life with long lasting
effects.

Persistence and degradability

Components:

68439-46-3:

Biodegradability :

Remarks: Readily biodegradable, according to appropriate OECD test.

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

Ozone-Depletion Potential :

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602
Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the
U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

13: DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, regional and national regulations.

Disposal methods

Waste from residues :

Dispose of in accordance with all applicable local, state and federal regulations.
For assistance with your waste management needs, contact Microbial Restoration Services
LLC-Infotrac 1-800-535-5350.

Contaminated packaging :

Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

14: TRANSPORT INFORMATION

This product is not classified as hazardous for transportation.

DOT (Department of Transportation):

Not regulated as a dangerous good

IATA (International Air Transport Association):

Not regulated as a dangerous good

IMDG-Code:

Not regulated as a dangerous good

15: REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Serious eye damage or eye irritation

SARA 302 : This material does not contain any components with a section 302 EHS TPQ.

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.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know

7732-18-5 Water
68439-46-3 Alcohols, C9-11, ethoxylated

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

The components of this product are reported in the following inventories:

- TSCA :** On TSCA Inventory
- DSL :** not determined
- AICS :** not determined
- NZIoC :** not determined
- ENCS :** not determined
- KECI :** not determined
- PICCS :** not determined
- IECSC :** not determined


16: OTHER INFORMATION

Abbreviations Used:

- N/A - Not Applicable
- N/E - Not Established
- N/L - Not Listed

Revision Information:

Jan. 5, 2020 - SDS issue



Health:	3
Flammability:	0
Reactivity:	0

Health	3
Flammability	0
Physical Hazard	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 =Extreme, * = Chronic

Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents

This SDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

****IMPORTANT SAFETY INFORMATION**DO NOT DISCARD**PLEASE ROUTE TO COMPANY SAFETY OFFICER****