



## MATERIAL SAFETY DATA SHEET

### SkinBrite-99

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Supplier: **McKinley Resources, Inc.**  
P.O. Box 810472  
Dallas, TX 75234 U.S.A.  
Phone number: 972-620-9730  
Fax number: 972-421-1860

Product Name: **SkinBrite-99**

#### 2. HAZARDS IDENTIFICATION

##### Emergency Overview

##### OSHA Hazards

Harmful by ingestion. Corrosive

GHS Label elements, including precautionary statements



Pictogram<sup>1</sup>

Signal word Danger

Hazard statement(s)

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H333 May be harmful if inhaled.

Precautionary statement(s)

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/ physician.

##### HMIS Classification

Health hazard: 3

Flammability: 0

Physical hazards: 0

NFPA Rating

Health hazard: 3

Fire: 0

Reactivity Hazard: 0



#### Potential Health Effects

Inhalation May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Skin May be harmful if absorbed through skin. Causes skin burns.

Eyes Causes eye burns.

Ingestion Harmful if swallowed. Causes burns.

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Synonyms	: Hydroxyacetic acid
Formula	: C <sub>2</sub> H <sub>4</sub> O <sub>3</sub>
MolecularWeight	: 76.05 g/mol
CAS-No.	:79-14-1
EC-No.	:201-180-5

### 4. FIRST-AID MEASURES

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area if inhaled. If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician. In case of skin contact take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.

Consult a physician.

In case of eye contact continue rinsing eyes during transport to hospital. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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

### 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters:

Wear self contained breathing apparatus for firefighting if necessary.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE**

Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Conditions for safe storage**

Keep container tightly closed in a dry and well-ventilated place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) 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).

**Hand protection**

Handle with gloves.

**Eye protection**

Face shield and safety glasses

**Skin and body protection**

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Hygiene measures**

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

**9. PHYSICAL AND CHEMICAL DATA**

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Colour: colourless

Safety data

pH: 2 at 50 g/l at 20 °C (68 °F)

Melting point: 75 - 80 °C (167 - 176 °F)

Boiling point: no data available

Flash point: no data available

Ignition temperature: no data available

Lower explosion limit: no data available

Upper explosion limit: no data available

Vapour pressure: 10.8 hPa (8.1 mmHg) at 80 °C (176 °F)

Water solubility: no data available

## 10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: no data available

Materials to avoid: Bases, Oxidizing agents, Reducing agents

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Oral - rat - 1,950 mg/kg

Remarks: Behavioral:Somnolence (general depressed activity). Gastrointestinal:Other changes.

Kidney, Ureter,

Bladder:Other changes.

LC50 Inhalation - rat - 4 h - 7,100 mg/m<sup>3</sup>

Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Olfaction:Other changes. Lungs, Thorax, or

Respiration:Dyspnea. Nutritional and Gross Metabolic:Weight loss or decreased weight gain.

Skin corrosion/irritation

Skin - rabbit - Severe skin irritation

Serious eye damage/eye irritation

Eyes - rabbit - Severe eye irritation

Respiratory or skin sensitization no data available

Germ cell mutagenicity no data available

## 12. ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish LC50 - Danio rerio (zebra fish) - 5,000 mg/l - 96 h

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Persistence and degradability no data available

Bioaccumulative potential no data available

Mobility in soil no data available

PBT and vPvB assessment no data available

Other adverse effects

May be harmful to aquatic organisms due to the shift of the pH. Avoid release to the environment.

### 13. DISPOSAL CONSIDERATIONS

Product

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

### 14. TRANSPORT INFORMATION

DOT (US)

UN-Number: 3261 Class: 8 Packing group: II

Proper shipping name: Corrosive solid, acidic, organic, n.o.s. (Glycollic acid)

Marine pollutant: No

Poison Inhalation Hazard: No

IMDG

UN-Number: 3261 Class: 8 Packing group: II EMS-No: F-A, S-B

Proper shipping name: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S. (Glycollic acid)

Marine pollutant: No

IATA

UN-Number: 3261 Class: 8 Packing group: II

Proper shipping name: Corrosive solid, acidic, organic, n.o.s. (Glycollic acid)

### 15. REGULATORY INFORMATION

OSHA Hazards

Harmful by ingestion., Corrosive

DSL Status

All components of this product are on the Canadian DSL list.

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

## **16. OTHER INFORMATION**

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall McKinley Resources be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if McKinley Resources has been advised of the possibility of such damages.*