

**BRILLIANIZE, KleenMaster Products**

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**1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY****Product Name:** **BRILLIANIZE®**Identified uses: Cleaner for all hard shiny surfaces. Glass, plastic and metal.  
Uses advised against: None known.

Manufacturer or supplier's details

Company name of supplier: Brilliance, Inc.  
Address: 4952 Industrial Way  
Benicia, CA 94510  
Telephone: (707) 751-0656  
Emergency Phone: (707) 751-0656  
Email address (SDS): customerservice@brilliance.com

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**2. HAZARDS IDENTIFICATION****GHS Classification**

Based on evaluation of currently available data, this substance or mixture is not classifiable according to GHS.

**Signal word:** N/A**Hazard phrases:** No phrases apply.**Precaution phrases:** No phrases apply.

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

GHS Classification: Mixture

Chemical characterization: Polysiloxane emulsion

Name	CAS-No.	Conc. (% w/w)
Water	7732-15-5	99.1%
Proprietary Ingredient 1	Proprietary	<1.0%
Proprietary Ingredient 2	Proprietary	<1.0%

Proprietary formulation: No hazardous ingredients above 1% or carcinogens above 0.1%. See section 11.

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**4. FIRST AID MEASURES**Eyes: Flush with water for 15 minutes.  
Skin: No first aid should be needed.  
Inhalation: No first aid should be needed. Remove to fresh air.  
Ingestion: Non-toxic. Give several glasses of water to dilute.  
Comments: Treat according to person's condition and specifics of exposure.

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**5. FIRE-FIGHTING AND EXPLOSION DATA**Extinguisher media: Water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials.  
Flammable limits in air % by volume: Lower N/A, Upper N/A  
Auto ignition temperature: N/A  
Unusual fire and explosion hazards: None known  
Special fire fighting measures: As with all fires, evacuate personnel to a safe area. Fire fighters should use self-contained breathing equipment and protective clothing.

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**6. ACCIDENTAL RELEASE MEASURES**

Containment/clean up: Clean up remaining materials with a suitable absorbent. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. You will need to determine which federal, state and local laws and regulations are applicable. Section 15 of this MSDS provides information regarding certain federal and state requirements. See section 8 for personal protective equipment for spills.

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**7. HANDLING AND STORAGE**

Protect from freezing. Use with adequate ventilation. Avoid eye contact. Keep container closed. Internal consumption not recommended. Avoid spills on hard surfaces, spilled material, even in small quantities, may present a slip hazard.

Use reasonable care and store away from oxidizing materials.

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**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

- Respiratory Protection: None required.  
Ventilation: Ventilation should be used to maintain exposure below the PEL and TLV.  
Protective Gloves: Not required, rubber or vinyl gloves can be used if employees experience skin irritation. Polyvinylchloride. Silver Shield®. 4H®.  
Eye Protection: Safety goggles should be worn when splash hazards are present.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the use of silicone-based materials in aerosol applications that has been developed by the silicone industry ([www.SEHSC.com](http://www.SEHSC.com)).

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical Form: Liquid  
Color: White  
Odor: Some odor  
pH: 7  
Specific gravity@ 25° C: 1  
Viscosity: Not determined  
Freezing/Melting Point: 0° C (32° F)  
Boiling point: > 65°C  
Flash point: >100°C (closed cup)  
Vapor pressure @ 25° C: Not determined  
Solubility in water: Highly soluble  
Reactivity in water: N/A
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**10. STABILITY AND REACTIVITY**

Chemical Stability: Stable  
 Hazardous polymerization: Hazardous polymerization will not occur.  
 Conditions to avoid: None  
 Hazardous decomposition products: Silicone dioxide, carbon dioxide and traces of incompletely burned carbon products.  
 Incompatible Materials to avoid: Oxidizing agents.

**11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure.  
 Inhalation, skin contact, ingestion, eye contact

Acute oral toxicity: LD50: [rat] – Route: oral; dose: >90ml/kg  
 Acute inhalation toxicity: LC50: Not available  
 Acute dermal toxicity: Assessment: The substance or mixture has no acute dermal toxicity  
 Carcinogenicity: Not classified based on available information  
 IARC: No ingredient 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 ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.  
 NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP

**12. ECOLOGICAL INFORMATION**

Environmental Fate and Distribution: Complete information is not yet available.  
 Environmental Effects: Complete information is not yet available.  
 Fate and Effects in Waste Water Treatment Plants: Complete information is not yet available.

Ecotoxicity Classification Criteria

Hazard Parameters (LC50 or EC50)	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	≤1	>1 and ≤100	>100
Acute Terrestrial Toxicity	≤100	>100 and ≤ 2000	>2000

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993.  
 This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above.

**13. DISPOSAL CONSIDERATIONS**

**RCRA Hazard Class (40 CFR 261)**

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No.  
 State of local laws may impose additional regulatory requirements regarding disposal.

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**14. TRANSPORTATION INFORMATION****Domestic regulation****DOT Road Shipment Information (49 CFR 172.101)**

Not regulated as dangerous good.

**International regulation****Ocean Shipment (IMDG)**

Not regulated as dangerous good.

**Air Shipment (IATA-DGR)**

Not regulated as dangerous good.

**UNRTDG**

Not regulated as a dangerous good.

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**15. REGULATORY INFORMATION****EPA SARA Title III Chemical Listings****Section 302 Extremely Hazardous Substances (40 CFR 355)**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**Section 304 CERCLA Hazardous Substances (40 CFR 302)**

Calculated reportable quantity does not exceed reasonably attainable upper limit.

**Section 313 Toxic Chemicals (40 CFR 370)**

None present or none present in regulated quantities. 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.

**The ingredients of this product are reported in the following inventories:**

NZIoC :	All ingredients listed or exempt.
AICS :	All ingredients listed or exempt.
IECSC :	All ingredients listed or exempt.
ENCS/ISHL :	All components are listed on ENCS/ISHL or exempted from inventory listing.
PICCS :	All ingredients listed or exempt.
TSCA :	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
KECI :	All ingredients listed, exempt or notified.

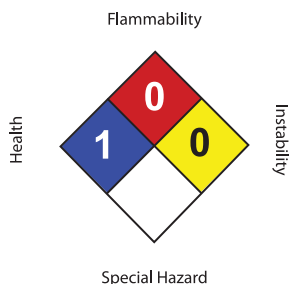
**Inventories**

AICS (Australia), IECSC (China), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

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**16. OTHER INFORMATION - SPECIAL PRECAUTIONS**

NFPA:



HMIS III:

Health	1
Fire	0
Physical Hazard	0
Personal Protection	A

0 = Not significant, 1 = Slight,  
2 = Moderate, 3 = High,  
4 = Extreme, \* = Chronic  
A = Safety glasses

IPA free:

This mixture contains no isopropyl alcohol.

Handling and Storage:

Keep from freezing. This material should be handled and stored per label and other instructions to ensure product integrity. Do not take internally.

Other precautions:

Exercise care in using this material with any pressurized systems offering potential for eye or skin injection. Avoid spills on hard surfaces, spilled material, even in small quantities, may present a slip hazard.

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

N/A = Not Applicable

N/R = Not Regulated

N/E = Not Established

PEL = Permissible Exposure Level.

TLV = Threshold Limit Values

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Date: 17 Feb 2015