



532 Point Lawrence Rd.  
Olga, WA 98279  
Tel: 360-376-8008

## Material Safety Data Sheet

### GuarCat™

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#### 1. Product and Company Identification

**Product Name:** GuarCat™  
**INCI Name:** Guar Hydroxypropyltrimonium Chloride  
**Chemical Name:** 2-hydroxy-3-(trimethylammonio)propyl ether chloride  
**Description/Use:** Personal Care

**Distributor:** Lotioncrafter LLC  
532 Point Lawrence Rd.  
Olga, WA 98279

**Emergency Telephone:** Chemtrec (24 hours) 800-424-9300

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#### 2. Composition/Information on Ingredients

<u>CHEMICAL NAME</u>	<u>CAS No.</u>	<u>Percent</u>
Ether, Chloride	65497-29-2	100%

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#### 3. Hazards Identification

**General:** May cause allergic respiratory reaction. May cause eye irritation.  
**Inhalation:** Some individuals may develop a respiratory allergic response.  
**Eye Contact:** Irritant. Dusts may cause tearing.  
**Skin Contact:** Skin absorption not likely. Essentially non-irritating. May cause slight transient irritation.  
**Ingestion:** Practically non-toxic.  
**Exposure Guidelines:** No data.  
**NFPA Classification:** No data.

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#### 4. First Aid Measures

**Skin contact:** Wash affected skin with soap and water. No harmful effects expected. Get medical advice if irritation develops.

**Eye contact:** Wash thoroughly with running water for at least 15 minutes. Get medical advice if irritation persists.

**Inhalation:** Remove to fresh air and get medical attention for any breathing difficulty.

**Ingestion:** Ingestion of dry powder may result in the material swelling possibly causing blockage of the throat and choking. If the victim is conscious and alert, give 1-2 glasses of water to drink to prevent esophageal obstruction. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

**Physicians Note:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically. No specific antidote available.

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## 5. Fire Fighting Measures

<b>Flash Point:</b>	>93C (200F)
<b>Flammability class:</b>	Will burn
<b>Auto-ignition Temp:</b>	No data
<b>Extinguishing Media:</b>	Recommended (small fires): carbon dioxide, dry chemical Recommended (large fires): water, aqueous foam
<b>Fire Fighting Procedures:</b>	Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.
<b>Fire and Explosion Hazards:</b>	Product will burn under fire conditions. Like all organic and most dry chemicals, as a powder or dust, this product (when mixed with air in critical proportions and in the presence of an ignition source) may present an explosion hazard.

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## 6. Spill or Leak Procedures

<b>Caution:</b>	Spilled material may become slippery when wet. Do not leave traces of product on floors, ladders, etc. as this may present a slipping hazard.
<b>Personal Precautions:</b>	Wear appropriate protective gear for the situation.
<b>Methods of Cleanup:</b>	Shovel up into an appropriate closed container. Wet material: absorb with an inert absorbent. Shovel up into an appropriate closed container.

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## 7. Handling and Storage

<b>Handling:</b>	Avoid breathing dusts. This product may present a dust explosion hazard. It is recommended that all dust control equipment and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. In addition, all conductive elements of the system that contact this material should be electrically bonded and grounded. This powder should not be flowed through non-conductive ducts or pipes. Use only appropriately classed electrical equipment. Any containers or equipment used should be decontaminated immediately after use.
<b>Storage:</b>	Keep container tightly closed in a cool, well-ventilated place. Protect from heat. In case of occurrence of dust, there is a risk of dust explosion.

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## 8. Exposure Controls/Personal Protection

<b>Respiratory Protection:</b>	When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations. Under normal conditions, in the absence of other airborne contaminants, the following devices should provide protection from this material up to the conditions specified by the appropriate OSHA, WHMIS or ANSI standard (s): Air purifying (half-mask/full-face) respirator with cartridges/ canister approved for use against dusts, mists, and fumes.
<b>Eye Protection:</b>	Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.
<b>Protective Clothing:</b>	Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e. shirts and pants). Consideration must be given both to durability as well as permeation resistance.
<b>Engineering Controls:</b>	Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: wet processing methods to reduce dust generation.
<b>Other Protective Measures:</b>	Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: 1. Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.

2. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
3. Wash exposed skin promptly to remove accidental splashes or contact with this material.

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## 9. Physical and Chemical Properties

<b>Physical State:</b>	Powder
<b>Color:</b>	Pale yellow
<b>Odor</b>	Bean-like odor
<b>Specific Gravity:</b>	1.3 at 25°C (77°F)
<b>pH:</b>	9.5 – 11, 1% as is
<b>Boiling Point:</b>	Not available
<b>Melting Point:</b>	Not available
<b>Solubility in water:</b>	Soluble, gels in water
<b>Solubility in organic solvents:</b>	Soluble
<b>Vapor Density, Air= 1:</b>	Not applicable
<b>Vapor Pressure:</b>	Not applicable
<b>Viscosity:</b>	>2400 mPa.s (1% solution)

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## 10. Stability and Reactivity

<b>Stability:</b>	Stable under ordinary conditions of use and storage.
<b>Incompatibility:</b>	A mixture of air and finely-divided powder is potentially explosive.
<b>Materials to avoid:</b>	Strong acids and oxidizers
<b>Hazardous Decomposition Products:</b>	Biodegradable; burning can produce carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization:</b>	Will not occur

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## 11. Toxicological Information

<b>Acute LD50:</b>	>2000 mg/kg (rat, oral)
<b>Dermal and Eye Irritation Test:</b>	No data
<b>Carcinogenicity:</b>	No data
<b>Mutagenicity:</b>	No data

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## 12. Ecological Information

<b>Environmental Fate:</b>	Biodegradable.
<b>Environmental Toxicity:</b>	No information found.

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## 13. Disposal Considerations

Dispose of container and unused contents in accordance with federal, state and local requirements.

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## 14. Transport Information

Not regulated

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## 15. Regulatory Information

Not available

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