

SAFETY DATA SHEET


SURFACE GUARD RTU SURFACE PROTECTANT + DELIVERY SOLUTION

SECTION 1: IDENTIFICATION OF SUBSTANCE & SUPPLIER



Product Name:	SURFACE GUARD RTU Surface Protectant +Delivery Solution
Synonyms:	Surface Guard Carrier Solution
Recommended Uses and restrictions on use:	Mineral delivery solution, refer to product label for use directions
Company Identification:	CerarMist Solutions of America, LLC 7001 Corporate Dr. Houston, TX 77036
Emergency Telephone Number:	800.487.0050

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification	Delivery Solution: Skin Irritation 3, Eye Irritation 2B Dry Barrier: Not Hazardous	
Signal Word	Delivery Solution: WARNING Dry Barrier: NO SIGNAL WORD	
Hazard statement(s)	Delivery Solution: May irritate skin and eyes Dry Barrier: NO HAZARD STATEMENT	
Symbol(s)	Delivery Solution: 	Dry Barrier NO WARNING SYMBOL
Precautionary Statements	Delivery Solution: Do not get in eyes. Avoid contact with skin. Wear protective eyewear (goggles) Dry Barrier: No precautionary Statements	
Eyes	Delivery Solution: Direct contact may cause mild but temporary eye irritation Dry Barrier: No Statement	
Skin	Delivery Solution: May cause slight irritation Dry Barrier: No Statement	
Ingestion	Delivery Solution: May be harmful if swallowed in large quantities Dry Barrier: No Statement	
Inhalation	Delivery Solution: Harmful if inhaled for extended periods Dry Barrier: No Statement	
Carcinogen	Delivery Solution: No Dry Barrier: No Statement	

Medical conditions generally aggravated by exposure: Not known

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data, and/or expert review of the product.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component in Liquid Delivery Solution	CAS Number	% Weight
Silicon Dioxide	7631-86-9	<0.50%
Alkyl(C12-16) dimethylbenzylammonium chloride	68424-85-1	<0.50%
Water	7732-18	Balance

DRY BARRIER IS 100% SILICATE MINERAL

The above information is not intended for use in preparing product specifications.

SECTION 4: FIRST AID MEASURES

Primary routes of exposure:

Eyes	Delivery Solution: Hold eye open and flush with a steady, gentle stream of water for 15-20 minutes. If present remove contact lenses after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice if discomfort continues. Dry Barrier: No precautionary statement
Skin	Delivery Solution: If irritation occurs, rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice if you feel ill or if irritation persists. Dry Barrier: No precautionary statement
Ingestion	Delivery Solution: Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poisons control center or doctor. Do not give anything by mouth to an unconscious person. Dry Barrier: No precautionary statement
Inhalation	Delivery Solution: Move person to fresh air. If not breathing, give artificial respiration. Seek medical attention. Dry Barrier: No precautionary statement

Recommended first aid facilities: Ready access to running water.

SECTION 5: FIRE FIGHTING MEASURES

Fire and explosion hazards	None
Flashpoint	N/A
Hazards decomposition products	N/A
Suitable extinguishing media	N/A
Special firefighting procedures	No special precautions required

HAZCHEM code	N/A
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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	Delivery Solution: Spills or leaks: Wear proper eye protection. This material will be slippery if spilled. Dry Barrier: No precautionary statement
Methods for Cleaning Up	Delivery Solution: Soak up with an inert material such as sawdust or absorbent. For small spills, hose away with water. For large spills, transfer to suitable container for disposal. Dry Barrier: No precautionary statement

SECTION 7: HANDLING & STORAGE

Precautions for Safe Handling	Delivery Solution: No approved handlers required; Avoid contact with eyes. Wear proper eye protection Dry Barrier: No precautionary statement
Storage	Delivery Solution: Keep in a closed container when not in use. Store away from heat and direct sunlight. Recommended temperature is between 10°C and 40°C. Avoid freezing contents. Dry Barrier: No precautionary statement

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Standards:	Delivery Solution: A workplace exposure standard (WES) has not been established for this substance. Dry Barrier: N/A
Engineering Controls:	Delivery Solution: Ready access to running water and or eyewash stations - general ventilation Dry Barrier: N/A
Personal Protective Equipment:	Delivery Solution: Eye protection and gloves are recommended for bulk transfer and handling Dry Barrier: PPE not required

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Color	Delivery Solution: Clear Dry Barrier: Clear
Odor	Delivery Solution: Slight ammonia like Dry Barrier: No odor
Odor Threshold	Delivery Solution: Test not applicable for this product type Dry Barrier: N/A

pH	Delivery Solution: 5-9 Dry Barrier: N/A
Physical State	Delivery Solution: Liquid Dry Barrier: Solid
Melting Point / Freezing Point	Delivery Solution: N/A / <0°C Dry Barrier: N/A
Boiling Point & Boiling Range	Delivery Solution: 100°C Dry Barrier: N/A
Flash Point	Delivery Solution: >93°C Approximate Dry Barrier: N/A
Evaporation Rate	Delivery Solution: Higher initially and declining as lighter components Dry Barrier: N/A
Flammability (solid, gas)	Delivery Solution: Does not sustain combustion Dry Barrier: N/A
Upper/lower flammability or explosive limits	Delivery Solution: No data available Dry Barrier: N/A
Vapor Pressure	Delivery Solution: No data available Dry Barrier: N/A
Vapor Density	Delivery Solution: No data available Dry Barrier: N/A
Relative Density	Delivery Solution: 1.00 g/cm ³ at 25 C Dry Barrier: N/A
Solubility in water	Delivery Solution: Complete Dry Barrier: N/A
Partition coefficient: n-octanol/water	Delivery Solution: No data available Dry Barrier: N/A
Auto-ignition temperature	Delivery Solution: No data available Dry Barrier: N/A
Decomposition temperature	Delivery Solution: No data available Dry Barrier: N/A
Viscosity (at 68°F/20°C)	Delivery Solution: <95 mPas Dry Barrier: N/A
Specific gravity (at 68°F/20°C)	Delivery Solution: 1.0 g/ml Dry Barrier: N/A

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Delivery Solution: Material is not reactive Dry Barrier: Not reactive
Chemical Stability	Delivery Solution: Under normal conditions this material is stable Dry Barrier: N/A
Hazardous Polymerization	Delivery Solution: Hazardous polymerization will not occur Dry Barrier: N/A
Conditions to avoid	Delivery Solution: Temperatures > 50°C; Freezing Dry Barrier: N/A
Incompatible materials to avoid	Delivery Solution: Acids, alkalis, strong oxidizing agents, anionic surfactants Dry Barrier: N/A
Hazardous decomposition products	Delivery Solution: None Dry Barrier: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

Acute oral toxicity	Delivery Solution: LD ₅₀ Rat (oral) > 5000 mg/kg Dry Barrier: N/A
Acute dermal toxicity	Delivery Solution: LD ₅₀ Rabbit (dermal) > 5000 mg/kg Dry Barrier: N/A
Inhalation toxicity	Delivery Solution: N/A Dry Barrier: N/A
Acute eye irritation test	Delivery Solution: Mild reversible eye irritant Dry Barrier: N/A
Acute dermal sensitivity	Delivery Solution: Not a dermal sensitizer Dry Barrier: N/A
Likely routes of exposure	Delivery Solution: Inhalation, skin contact and eye contact. Product is harmful if inhaled in large quantities Dry Barrier: N/A
Symptoms	Delivery Solution: May cause mild, temporary eye and skin redness and/or irritation Dry Barrier: N/A
Delayed and immediate effects from short & long-term exposure	Delivery Solution: May cause mild, temporary eye and skin redness and/or irritation. Dry Barrier: N/A
Numerical measures of toxicity	Delivery Solution: EPA Category IV Dry Barrier: N/A
CMR toxicants	Delivery Solution: Negative for CMR Dry Barrier: N/A

SECTION 12: ECOLOGICAL INFORMATION

Acute toxicity	Delivery Solution: Slightly harmful to the aquatic environment in large quantities Dry Barrier: No toxicity statements
Soil toxicity	Delivery Solution: No data available Dry Barrier: No toxicity statements
Terrestrial vertebrate toxicity	Delivery Solution: Non-toxic Dry Barrier: No toxicity statements
Terrestrial Invertebrate toxicity	Delivery Solution: No data available Dry Barrier: No toxicity statements

Ecotoxicological effects:

Delivery Solution: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with requirements of the local government authority and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority.

Dry Barrier: No ecotoxicological effects

SECTION 13: DISPOSAL CONSIDERATIONS

Restrictions	Delivery Solution: There are no product specific restrictions Dry Barrier: N/A
Waste Disposal Method	Delivery Solution: Waste resulting from the use of this product may be disposed of on site. If this waste cannot be disposed of by use according to the label instructions, contact your local Environmental Control Agency for guidance. Dry Barrier: N/A
Container (plastic) disposal	Delivery Solution: Rinse (or equivalent), then offer for recycling or reconditioning, puncture and dispose of in a sanitary landfill, incineration, or by burning (if allowed by the state and local authorities). If burned, stay out of smoke. Dry Barrier: N/A
Section 13 notes	Delivery Solution: Inactivation of solutions containing Surface Cleaner may be accomplished by addition of an anionic surfactant or detergent in quantity equivalent to that of Surface Cleaner solution.

SECTION 14: TRANSPORT INFORMATION

IATA Proper Shipping Name	Delivery Solution: Non-flammable liquid Dry Barrier: N/A
IATA UN Number	Delivery Solution: Not specified Dry Barrier: N/A
Hazard Class	Delivery Solution: Not regulated Dry Barrier: N/A

NFPA/HMIS classification	Delivery Solution: Flammability 0, Reactivity 0, Health 1 Dry Barrier: N/A
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SECTION 15: REGULATORY INFORMATION

New Zealand	Delivery Solution: This product is an approved substance under the Hazardous Substances and New Organisms ACT (HSNO). The active components are listed on the New Zealand Inventory of Chemicals (NZIoC). Dry Barrier: N/A
Group Standard	Delivery Solution: Cleaning Products (Subsidiary Hazard) Group Standard 2006 Dry Barrier: N/A
US Federal Regulations	Delivery Solution: TSCA (Toxic Substances Control Act) Status: All components of this product are listed or excluded from the TSCA inventory of chemical substances. Dry Barrier: N/A

SECTION 16: OTHER INFORMATION

Disclaimer: This information is offered in good faith as typical values and not as a product specification. No warranty, 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 on the intended use and determine whether they are appropriate.

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