



## PREMIUM PLUS STONE SEALER

### SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

##### Product identifier

Chemical Name	Mixture
CAS No.	Mixture
Trade Name	PREMIUM PLUS STONE SEALER
Product Code	None

##### Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Stone Surface Sealant
Uses Advised Against	Do not aerosolize
Company Identification	MORE Surface Care, LLC 30506 San Antonio Street, Hayward, CA 94544, U.S.A.

Telephone	(844) 404-MORE (6673)
E-Mail (competent person)	steve@moresurfacecare.com & mark@moresurfacecare.com

##### Emergency telephone number

Emergency Phone No.	<b>Medical Emergency:</b> 1-800-222-1222; Not classified as dangerous for transport.
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#### SECTION 2: HAZARDS IDENTIFICATION

##### Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Acute Tox. 4; STOT RE 2; Eye Irrit. 2
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##### Label elements

Hazard Symbol



##### WARNING

Signal word(s)

Hazard Statement(s)

Harmful if inhaled - Aerosol.  
May cause damage to organs through prolonged or repeated exposure:  
liver.  
Causes serious eye irritation.

Precautionary Statement(s)

Avoid contact with skin and eyes.  
Wear protective gloves/eye protection.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Use only outdoors or in a well-ventilated area.  
IF INHALED: Get medical advice/attention if you feel unwell.  
IF ON SKIN: Wash with plenty of soap and water. If irritation (redness,  
rash, blistering) develops, get medical attention.



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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

### Other hazards

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

### Additional Information

Unlikely to be hazardous by inhalation unless present as an aerosol.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt.	CAS No.	Hazard classification
Water	85 - 95	7732-18-5	Not classified as dangerous for supply/use.
Isopropanol	1 - 5	67-63-0	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
2-Butoxyethanol	1 - 5	111-76-2	Flam. Liq. 4; H227 Acute. Tox. 4; H302, H312, H332 Skin Irrit. 2; H315 Eye Irrit. 2A; H319
Proprietary mixture	1 - 5	Mixture	Acute Tox. 1; H330 STOT RE 2; H373 Aquatic Acute 3; H402 Aquatic Chronic 1; H410
Antimicrobial agent	< 1	Trade Secret	Acute Tox. 3; H301, H331 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410

**Additional Information** - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below: **None**

## SECTION 4: FIRST AID MEASURES



### Description of first aid measures

Inhalation

Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact

Wash affected skin with soap and water. If irritation (redness, rash, blistering) develops, get medical attention.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.

Ingestion

Call a POISON CENTER or doctor/physician if you feel unwell.



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**Most important symptoms and effects, both acute and delayed** None

**Indication of any immediate medical attention and special treatment needed** None

### SECTION 5: FIRE-FIGHTING MEASURES

**Extinguishing Media**

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Non-combustible. As appropriate for surrounding fire.  
None anticipated.

**Special hazards arising from the substance or mixture**

Combustion or thermal decomposition will evolve toxic and irritant vapours.

**Advice for fire-fighters**

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes. Wear protective gloves/eye protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.

**Environmental precautions**

Prevent liquid entering sewers, basements and work pits.

**Methods and material for containment and cleaning up**

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

**Reference to other sections**

None

**Additional Information**

None

### SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling**

Avoid contact with skin and eyes. Wear protective gloves/eye protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.

**Conditions for safe storage, including any incompatibilities**

- Storage temperature
- Incompatible materials

Do not allow material to freeze. Keep container tightly closed, in a cool, well ventilated place.

This product should be stored away from sources of strong heat or oxidizing chemicals.

**Specific end use(s)**

Stone Surface Sealant

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits**



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SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Isopropanol	67-63-0	400 ppm	200 ppm	500 ppm	400 ppm	-----
2-Butoxyethanol	111-76-2	50 ppm	20 ppm	-----	-----	-----

-LTEL: Long Term Exposure Limit; STEL: Short Term Exposure Limit

**Recommended monitoring method**

NIOSH 1400 (Alcohols); NIOSH 1403 (Alcohols IV)

**Exposure controls**

**Appropriate engineering controls**

Not normally required.

**Personal protection equipment**

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.

Respiratory protection



Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

**Environmental Exposure Controls**

Avoid release to the environment.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

Appearance	Liquid
Color.	Colorless
Odor	Mild
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	~0 °C (similar to water)
Boiling point/boiling range (°C):	~100 °C (similar to water)
Flash Point (°C)	Not applicable
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Explosive Limit Ranges	Not available
Vapor pressure (Pascal)	Not available
Vapor Density (Air=1)	Not available
Density (g/ml)	0.96 (8.01 lb/gal)
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available



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Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	Not available
Explosive properties	Not available
Oxidizing properties	Not available
<b>Other information</b>	Not available

### SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical stability</b>	Stable.
<b>Possibility of hazardous reactions</b>	None anticipated.
<b>Conditions to avoid</b>	Incompatible materials.
<b>Incompatible materials</b>	This product should be stored away from sources of strong heat or oxidizing chemicals.
<b>Hazardous decomposition product(s)</b>	Carbon monoxide, Carbon dioxide, Acrid smoke

### SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

**Information on toxicological effects**

Isopropanol (CAS# 67-63-0):

<b>Acute toxicity</b>	Oral: LD50 = 5.84 g/kg (rat) Inhalation: LC50 > 1000 ppm (rat) 6 hour(s) Dermal: LD50 = 16.4 ml/kg (rabbit) 24 hour(s) May cause drowsiness or dizziness.
<b>Irritation/Corrosivity</b>	Irritating to eyes.
<b>Sensitisation</b>	It is not a skin sensitiser.
<b>Repeated dose toxicity</b>	NOAEL = 5,000 ppm (Inhalation) May cause drowsiness or dizziness.
<b>Carcinogenicity</b>	It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

<b>Mutagenicity</b>	There is no evidence of mutagenic potential.
<b>Toxicity for reproduction</b>	Not available

Proprietary mixture (CAS # Mixture) By analogy with similar materials:

<b>Acute toxicity</b>	Oral: LD50:> 5000 mg/kg (rat) Dermal: LD50: >5000 mg/kg (rat) Inhalation (4 hr) Approximate Lethal Concentration: 0.047 mg/l (rat)
<b>Irritation/Corrosivity</b>	Non-irritant
<b>Sensitisation</b>	It is not a skin sensitiser.
<b>Repeated dose toxicity</b>	Not available.
<b>Carcinogenicity</b>	It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.



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**Mutagenicity** Not available.  
**Toxicity for reproduction** Not available.

Antimicrobial agent (CAS# Trade Secret):

**Acute toxicity** Oral: LD50 = 269 mg/kg (rat)  
Inhalation: LC50 = 0.83 mg/l (rat) 4 hour(s)  
Dermal: LD50 > 2000 mg/kg (rat) 24 hour(s)

**Irritation/Corrosivity** Causes serious eye damage.  
**Sensitisation** It is not a skin sensitiser.

**Repeated dose toxicity** NOAEL = 0.5 mg/kg (Oral); 104 weeks  
NOAEL = 0.002 mg/l (Inhalation); 21 days

**Carcinogenicity** It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

**Mutagenicity** There is no evidence of mutagenic potential.  
**Toxicity for reproduction** Not to be expected. Studies in animals have shown that high exposures produce embryo/foetotoxic effects in the presence of maternal toxicity.

### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

Isopropanol (CAS# 67-63-0):

Short term LC50 (96 hour): 10,000 mg/l (Fathead minnow (*Pimephales promelas*))  
LC50 24hour(s): >10,000 mg/l (*Daphnia magna*)

Long Term NOEC: 3.37 µmol/l (*Daphnia magna*) (Growth rate)

**Persistence and degradability**

**Bioaccumulative potential**

**Mobility in soil**

**Results of PBT and vPvB assessment**

**Other adverse effects**

Not available.  
Not available.  
Not available.  
Not classified as PBT or vPvB.  
Not available.

Proprietary mixture (CAS # Mixture) By analogy with similar materials:

Short term LC50 (96 hour): >36.4 mg/l (*Oncorhynchus mykiss*)  
EC50 (48 hour): 16.2 mg/l (*Daphnia magna*)

Long Term NOEC (21day): 0.0467 mg/l (*Daphnia magna*)

**Persistence and degradability**

**Bioaccumulative potential**

**Mobility in soil**

**Results of PBT and vPvB assessment**

**Other adverse effects**

Not readily biodegradable.  
Not available.  
Not available.  
Not classified as PBT or vPvB.  
Not available.

Antimicrobial agent (CAS# Trade Secret):

Short term LC50 (96 hour): 0.0026 mg/l (Fathead minnow (*Pimephales promelas*))  
LC50 24hour(s): 0.0082 mg/l (*Daphnia magna*)  
M-Factor = 100

Long Term NOEC: 3.37 µmol/l (*Daphnia magna*) (Growth rate)



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**Persistence and degradability**  
**Bioaccumulative potential**  
**Mobility in soil**  
**Results of PBT and vPvB assessment**  
**Other adverse effects**

Evidence for inherent biodegradability.  
 The substance has low potential for bioaccumulation.  
 The substance has low mobility in soil.  
 Not classified as PBT or vPvB.  
 Not available.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods**

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

### SECTION 14: TRANSPORT INFORMATION

	<u>Land transport</u> <u>(U.S. DOT)</u>	<u>Sea transport</u> <u>(IMDG)</u>	<u>Air transport</u> <u>(ICAO/IATA)</u>
<b>UN number</b>	Not classified as dangerous for transport. *	UN 3082	UN 3082
<b>Proper Shipping Name</b>	Not classified as dangerous for transport. *	Environmentally hazardous substance, liquid, n.o.s. (organo-zinc compound) **	
<b>Transport hazard class(es)</b>		9	9
<b>Packing group</b>		III	III
<b>Environmental hazards</b>		Yes.	Yes.
<b>Special precautions for user</b>		None assigned.	None assigned.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable

\* Bulk shipments may be shipped as UN3082, Environmentally substance, liquid, n.os., 9, PG III in the U.S.

\*\* Limited Quantity and Excepted Quantity provisions apply. Refer to current IATA and IMDG Regulations.

### SECTION 15: REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**TSCA (Toxic Substance Control Act) - Inventory Status:** All components listed and active, or exempt.

**TSCA 12(B) Components:** CAS 65530-70-3, CAS 65530-72-5, Perfluoroalkyl phosphates, ammonium salts (subject to Export Notification)

**Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):**

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

**SARA 311/312 - Hazard Categories:** Refer to SECTION 2 - HAZARDS IDENTIFICATION

**SARA 313 - Toxic Chemicals (40 CFR 372):**

Chemical Name	CAS No.	Typical %wt.
None	-----	-----

**SARA 302 - Extremely Hazardous Substances (40 CFR 355):**

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----



## PREMIUM PLUS STONE SEALER

### California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
None	-----	-----

### SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: April 10, 2020

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

#### Hazard Statement(s)

- H225: Highly flammable liquid and vapour.
- H227: Combustible liquid.
- H301: Toxic if swallowed.
- H302: Harmful if swallowed.
- H312: Harmful in contact with skin.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H330: Fatal if inhaled.
- H331: Toxic if inhaled.
- H332: Harmful if inhaled.
- H336: May cause drowsiness or dizziness.
- H373: May cause damage to organs through prolonged or repeated exposure: liver.
- H400: Very toxic to aquatic life.
- H402: Harmful to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.

Training advice: None.

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