



STONE ENHANCER

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	STONE ENHANCER
Product Code	None

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

Identified Use(s)	Stone Enhancing Product
Uses Advised Against	None

Company Identification

MORE Surface Care, LLC
200 Union Grove Rd SE
Calhoun, GA 30701

Telephone

(844) 404-MORE (6673)

E-Mail (competent person)

steve@moresurfacecare.com & mark@moresurfacecare.com

Emergency telephone number

Emergency Phone No.

Medical Emergency: 1-800-222-1222; Not classified as dangerous for transport.

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Not classified as dangerous for supply/use.
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Label elements

Hazard Symbol	None
Signal word(s)	None
Hazard Statement(s)	None
Precautionary Statement(s)	Avoid contact with skin and eyes. Wear protective gloves/eye protection. 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. 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

None



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt.*	CAS No.	Hazard classification
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
Perfluoroalkyl urethane polymer	1 - 3	Proprietary	Eye Irrit. 2B; H320

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	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.

Most important symptoms and effects, both acute and delayed None

Indication of any immediate medical attention and special treatment needed IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media Non-combustible. As appropriate for surrounding fire.
-Unsuitable Extinguishing Media 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.



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Environmental precautions	Prevent liquid entering sewers, basements and work pits. Avoid release to the environment.
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.
Conditions for safe storage, including any incompatibilities	
-Storage temperature	Keep in a cool, well ventilated place. Store at temperatures not exceeding 50°C / 122 °F. Protect from sunlight.
-Incompatible materials	This product should be stored away from sources of strong heat, oxidizing chemicals, and reducing agents.
Specific end use(s)	Stone Enhancing Product

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
2-Butoxyethanol	111-76-2	50 ppm	20 ppm	-----	-----	-----

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

Recommended monitoring method	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.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Emulsion
Color.	Off white to pale yellow
Odor	Mild, Ester-like
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)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	Not available
Explosive properties	Not available
Oxidizing properties	Not available
Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Incompatible materials. Avoid evaporating to dryness. Hazardous peroxides may form.
Incompatible materials	This product should be stored away from sources of strong heat, oxidizing chemicals, and reducing agents.
Hazardous decomposition product(s)	Carbon monoxide, Carbon dioxide, Acrid smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

2-Butoxyethanol (CAS No. 111-76-2)

Acute toxicity

Oral LD50 = 1746 mg/kg (Rat)
Dermal LD0 = >1200 mg/kg (rabbit)
Inhalation LC0: > 691 ppm (1 hour(s)) (rat)

Irritation / Corrosivity

Causes skin irritation. Causes serious eye irritation.

Sensitisation

It is not a skin sensitiser.



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Repeated dose toxicity

Oral NOAEL: <69 mg/kg/day (rat)
 Inhalation NOAEC: <31 ppm (rat)
 Dermal NOAEL: > 150 mg/kg/day (rabbit) (Skin Irritant)

Carcinogenicity

It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	A3	No.	No.

A3 - Confirmed animal carcinogen

Mutagenicity

Negative

Toxicity for reproduction

Negative

Other information

None known.

Reproductive toxicity

Not to be expected

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

2-Butoxyethanol (CAS# 111-76-2) - By analogy with similar materials:

Short term

LC50 (96 hr): 1464 mg/l (fish)
 EC50 (48 hr): 1800 mg/l (aquatic invertebrate)
 EC50 (72 hr): 911 mg/l (algae)

Long Term

Not available.

Persistence and degradability

Readily biodegradable.

Bioaccumulative potential

Not available.

Mobility in soil

Not available.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

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>U.S. DOT</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
UN number			
Proper Shipping Name			
Transport hazard class(es)			
Packing group			
Environmental hazards			
Special precautions for user			

Not classified as dangerous for transport.

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



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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 or polymer exempt.

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

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

SARA 311/312 - Hazard Categories: None

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

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	----	----	----

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 17, 2015

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

Hazard Statement(s)

- H227: Combustible liquid.
- H302: Harmful if swallowed.
- H312: Harmful in contact with skin.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H320: Causes eye irritation.
- H332: Harmful if inhaled.

Training advice: None.

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