



TECHNICAL ASSISTANCE CORPORATION

Safety Data Sheet

Revision Date: 10/29/2014

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Name: Stone Enhancer
Product Code: VMCSTEN
Product Use: Seal and Bring Out the Grain of Marble and Granite
Manufacturer: Mar-Tek Industries
Address: 301 Industrial Drive, Forney Texas 75126
Phone: (214) 350-9401
Emergency Telephone No.: ChemTel Inc. (800) 255-3924 and +1(813) 248-0585

SECTION 2: Hazards Identification

Classification of the substances or mixtures:

GHS Classification:

Acute Toxicity, Oral Category 4
Acute Toxicity, Dermal Category 4
Acute Toxicity, Inhalation Category 4
Skin irritation Category 2

Signal word: Warning

Pictogram:



GHS Label elements, including hazards and precautionary statements:

- Hazard statements: H302 Harmful if swallowed, H312 Harmful in contact with skin, H332 Harmful if inhaled, H315 Causes skin irritation
Precautionary statements: Prevention: P264 Wash hands/skin thoroughly after handling this product, P270 Do not eat, drink or smoke when using this product, P280 Wear protective gloves/eye protection/face protection, P261 Avoid breathing dust/fume/gas/mist/vapours/spray, P271 Use only outdoors or in well-ventilated area.
Response: P370+378 In case of fire: (Refer section 5), P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell, P330 Rinse mouth, P302+352 IF ON SKIN: Wash with plenty of soap and water, P312 Call a POISON CENTER or doctor/physician if you feel unwell, P322 Specific measures (Refer section 4), P363 Wash contaminated clothing before reuse, P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing, P332+313 If skin irritation occurs: Get medical advice/attention.

Disposal: P362 Take off contaminated clothing and wash before reuse.
 P501 Dispose of content/container in accordance with local/regional/national/international regulations.

SECTION 3: Composition/Information on Ingredients

<i>Chemical Name</i>	<i>Common Names</i>	<i>CAS. No.</i>	<i>Content</i>	<i>Classification</i>
Dipropylene Glycol Monomethyl Ether	DPGME	34590-94-8	<1	Not classified
2-Butoxyethanol	Butyl cellosolve	III-76-2	<5	Acute Tox. 4: H302+H312+H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315
Other non hazardous components		95%		

SECTION 4: First aid measure

Description of first aid measures

General Advise: Consult physician. Show this safety data sheet to the doctor in attendance.

If inhaled: If breathed in, move person into fresh air and keep at rest in a comfortable position for breathing. Call a POISON CENTER or doctor if you feel unwell.

In case of skin contact: Wash with plenty of soap and water. Wash contaminated clothing before reuse. Immediately call A POISON CENTER or doctor. Get medical advice, if skin irritation occurs. Wash it off with soap and plenty of water. Consult physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 Minutes. Remove contact lenses if present and easy to do and Get medical advice, if irritation persists.

If swallowed: Call a POISON CENTER or doctor if you feel unwell. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water.

SECTION 5: Fire-fighting measures

Suitable extinguishing media:

Small fire: Use dry chemicals, CO₂, water spray or alcohol-resistant foam.

Large fire: Use water spray, water fog or alcohol resistant foam. Cool all affected containers with flooding quantities of water.

Unsuitable extinguishing media: Do not use heavy water stream.

Special hazards arising from the substance or mixture: Under fire conditions, hazardous fumes will be present.

Special protective equipment and precautions for firefighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Keep unopened containers cool by spraying with water.

SECTION 6: Accidental release measures

Personal precaution, protective equipment and emergency procedures: Use personal protective equipment. Avoid breathing vapors, mist and gas. Ensure adequate ventilation. Beware vapors accumulating to form explosive concentration. Vapors can accumulate in low areas. Evacuate personnel to safe areas.

Environmental precautions: Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements.

Methods and materials for containment and cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Keep container closed and store away from other materials.

SECTION 7: Handling and storage

Precaution for safe handling: Avoid breathing dust, fume, gas, mist, vapours, spray. Wash thoroughly after handling. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities: Keep only in original container in a cool, well-ventilated area. Keep container tightly closed. Store away from strong bases, strong acids.

SECTION 8: Exposure controls/personal protection

Engineering controls: Provide local exhaust to meet TLV requirements if making a solution or grinding up and mist or dust is generated.

Occupational exposure controls:

Components	Exposure limits	Basis	Entity	Note
Dipropylene Glycol Monomethyl Ether	100 ppm	TWA	ACGIH	Threshold Limit Value
	100 ppm, 600 mg/m ³	TWA	OSHA	29CFR 1910.1000 Table Z-1 Limits for Air Contaminants
2-Butoxyethanol	150ppm	STEL	ACGIH	Threshold Limit Value
	50ppm (240mg/m ³)	TWA	OSHA	(General Industry)
	5ppm (24mg/m ³)	TWA	NIOSH	Recommended Exposure limit
	20ppm (97mg/m ³)	TWA	ACGIH	Threshold Limit Value
	20ppm (97mg/m ³)	TWA	CAL/OSHA	Permissible Exposure Limit

Personal protective equipment

Eye protection: Safety glasses or approved equivalent as necessary to minimize eye contact.

Skin and hand protection: Wear suitable protective gloves and clothing.

Inhalation: Use a well-ventilated area. In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene consideration: Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after using this material and after workday.

SECTION 9: Physical and chemical properties

Appearance

Physical state:	Liquid
Color:	White emulsion
Odor:	Characteristic
Odor threshold:	Specific data not available
pH:	11.7
Melting point/freezing point:	Specific data not available
Initial boiling point/boiling range:	Specific data not available
Flash point:	Specific data not applicable
Evaporation rate:	Specific data not available
Flammability (solid, gas)	Specific data not available
Upper/Lower flammability or explosive limits	
Flammability limit-lower (%):	No data available
Flammability limit-upper (%):	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Solubility (ies):	Complete
Specific gravity:	1.07
Partition coefficient	
(n-octanol/water):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available

SECTION 10: Stability and reactivity

Chemical stability: Stable under recommended storage condition

Possibility of hazardous reactions: No data available

Condition to avoid: Heat, flames and sparks.

Incompatible materials: Strong oxidizing agents and strong acids.

Hazardous decomposition: Carbon oxides and expected to be, under fire conditions, the primary hazardous decomposition products.

SECTION 11: Toxicological information

Information on likely route and sign and symptoms of exposure

Inhalation: May be harmful if inhaled

Dermal: Causes skin irritation if absorbed.

Ingestion: Harmful if swallowed

Eye contact: Causes eye irritation

Information of toxicological effect:

2-butoxyethanol Oral:	Oral LD-50: (Rat): 1,300 mg/kg LD-50: (Guinea Pig): 1,400 mg/kg
Dermal:	LD-50: (Rat): > 2,000 mg/kg LD-50: (Guinea Pig): > 2,000 mg/kg
Inhalation:	Vapour: LC50 (Rat, 3 h): > 4.9 mg/l Vapour: LC50 (Guinea Pig, 1 h): > 3.4 mg/l

Dipropylene Glycol Monomethyl Ether

Oral LD50: (rat) 5135 mg/kg

Dermal LD50: (Rabbit) 9500mg/kg

Skin corrosion/irritation: Moderate (24 hrs.)

Serious eye damage/irritation: Moderate (24hrs.)

Chronic toxicity Damage to organs: No data available

Teratogenicity No data available

Mutagenicity No data available

Embryotoxicity No data available

Specific target organ toxicity: No data available

Carcinogenicity: Criteria not met, based on data

SECTION 12: Ecological information

Ecotoxicity

Aquatic

2-Butoxyethanol: LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life.

Dipropylene Glycol Monomethyl Ether: Acute fish toxicity LC50/96 hrs. Fathead minnow >10,000 mg/L

Toxicity to Daphnia EC50/48 hrs. Water Flea- 1,919 mg/L

Terrestrial

Not available

Persistence and degradability

Not available

Bio-accumulative potential

Not available

Mobility in soil

Not available

PBT and vPVB Assessment

Not available

SECTION 13: Disposal consideration

Waste disposal method: Dispose of in accordance with federal, state and local authorities.

Contaminated packaging: Dispose of container and unused content in accordance with federal, state and local requirements.

SECTION 14: Transportation information

US Department Of Transportation

Shipping Name: Compound, cleaning liquid (Non-hazardous)
 Hazard Class: None
 UN Number: None
 Packaging Group: None
 Label statement: None
 Marine pollutant: None

SECTION 15: Regulatory information

Agencies	Component (if Listed Yes/No)	
US Federal Regulations	Dipropylene Glycol Monomethyl Ether	2-Butoxyethanol
TSCA	Yes	Yes
CERCLA	No	No
SARA Title III		
Section 302	EHS Reporting not required	
Section 304	Hazardous release reporting not required	
Section 311	Reporting not required	
Section 312	Inventory reporting not required	
Section 313	Emission and release reporting not required	
State Regulations		
California Proposition 165	No	No
Massachusetts Right to Know Act	Yes	No
New Jersey Right to Know Act	Yes	Yes
Pennsylvania Right to Know Act	Yes	YEs

SECTION 16: Other information

Revision Date: 10/29/2014
 Revision was made in sections: General revision

NFPA Ratings

Health 1
 Flammability 0
 Reactivity 0
 Specific Hazard N/A

HMIS Rating

Health 1
 Flammability 0
 Reactivity 0

Disclaimer: Mar-Tek industries provide the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This documentation is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

----- END OF SDS -----