

**SECTION 1: IDENTIFICATION****Product Identifier****Product Form:** Mixture**Product Name:** StrongHold Weathered Membrane Cleaner**Product Code:** F0252-SB 15237**Intended Use of the Product**

Membrane cleaner

**Name, Address, and Telephone of the Responsible Party****Manufacturer**

BITEC, Inc.

#2 Industrial Park Drive

Morrilton, AR 72110

T-800-535-8597

F-501-354-3019

www.bitec.com

**Emergency Telephone Number****Emergency Number:** 1-800-535-8597**SECTION 2: HAZARDS IDENTIFICATION****Classification of the Substance or Mixture****Classification (GHS-US)**

Flam. Liq. 2	H225
Asp. Tox. 1	H304
Skin Irrit. 2	H315
Mutagenicity, 1B	H340
Carc., 1B	H350

**Label Elements****GHS-US Labeling****Hazard Pictograms (GHS-US)**

:



GH502

GH507

GH508

**Signal Word (GHS-US)**

:

Danger

**Hazard Statements (GHS-US)**

:

H225 – Highly flammable liquid and vapor.  
H304 – May be fatal if swallowed and enters airways  
H315 – Causes skin irritation.  
H340 – May cause genetic defects.  
H350 – May cause cancer.

**Precautionary Statements (GHS-US)**

:

P201 – Obtain special instructions before use.  
P202 – Do not handle until all safety precautions have been read and understood.  
P210 – Keep away from heat/sparks/open flames/hot surfaces. –no smoking.  
P233 – Keep container tightly closed.  
P240 – Ground/bond container and receiving equipment.  
P241 – Use explosion-proof electrical/ventilating/lighting equipment.  
P242 – Use only non-sparking tools.  
P243 – Take precautionary measures against static discharge.  
P264 – Wash hands, forearms, and other exposed areas thoroughly after handling.  
P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
P312 – Call a doctor, a POISON CENTER if you feel unwell.  
P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.

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P331 Do NOT induce vomiting.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before reuse.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.  
P403+P235 – Store in a well-ventilated place. Keep cool.  
P405 – Store locked up.  
P501 – Dispose of contents/container according to local, regional, national, and international regulations.

## Other Hazards

**Other Hazards Not Contributing to the Classification:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

## Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

Name	Product identifier	% (w/w)
Solvent naphtha (petroleum), light aliph.	(CAS No) 64742-89-8	90-100
Octane	(CAS No) 111-65-9	5-10
Heptane	(CAS No) 142-82-5	5-10

Full text of H-Phrases: See Section 16

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**First-aid Measures General:** Show this material safety data sheet to the doctor in attendance.

**First-aid Measures After Inhalation:** Move to fresh air. If symptoms persist, call a physician

**First-aid Measures After Skin Contact:** Wash off with soap and water. Get medical attention if irritation develops and persists.

**First-aid Measures After Eye Contact:** Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

**First-aid Measures After Ingestion:** Do NOT induce vomiting. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. Obtain medical attention.

### Most Important Symptoms and Effects, Both Acute and Delayed

**General:** May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause genetic defects.

May cause cancer.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media:** Do not use water jet. Use of heavy stream of water may spread fire.

### Special Hazards Arising from the Substance or Mixture

**Fire Hazard:** Flammable liquid and vapor.

**Explosion Hazard:** May form flammable/explosive vapor-air mixture.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### Advice for Firefighters

**Firefighting Instructions:** Exercise caution when fighting any chemical fire. Cool closed containers exposed to fire with water spray.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide, smoke, fumes, unburned hydrocarbons.

### Reference to Other Sections

Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Use special care to avoid static electric charges. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid breathing vapor, mist, spray. Use only outdoors or in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice.

### For Non-emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

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**Emergency Procedures:** Evacuate unnecessary personnel.

## **For Emergency Responders**

**Protective Equipment:** Equip cleanup crew with proper protection. Use proper PPE.

**Emergency Procedures:** Ventilate area. Evacuate unnecessary personnel. Eliminate ignition sources. Stop leak if safe to do so. Prevent entry to sewers and public waters.

## **Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

## **Methods and Material for Containment and Cleaning Up**

**For Containment:** Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material.

**Methods for Cleaning Up:** Collect spillage. Clear up spills immediately and dispose of waste safely.

## **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Precautions for Safe Handling:** H Avoid inhalation of vapor or mist. Do not use in areas without adequate ventilation. Keep away from fire, sparks and heated surfaces. Keep container closed when not in use. Take precautionary measures against static discharges.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Contaminated work clothing should not be allowed out of the workplace.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, lighting, ventilating equipment.

**Storage Conditions:** Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from sources of ignition - No smoking. Solvent vapors are heavier than air and may spread along floors.

**Incompatible Materials:** Strong acids, strong bases. Strong oxidizers.

**Storage Area:** Store locked up. Store in a well-ventilated place.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

<b>Solvent naphtha (petroleum), light aliph. (64742-89-8)</b>		
USA OSHA Z-1	TWA	500 ppm 2,000 mg/m <sup>3</sup>
OSHA P0	TWA	400 ppm 1,600 mg/m <sup>3</sup>

<b>Octane (111-65-9)</b>		
TWA	300 ppm	ACGIH
TWA	500 ppm 2,350 mg/m <sup>3</sup>	OSHA Z-1
TWA	300 ppm 1,450 mg/m <sup>3</sup>	OSHA P0
STEL	375 ppm 1,800 mg/m <sup>3</sup>	OSHA P0
PEL	300 ppm 1,450 mg/m <sup>3</sup>	CAL PEL
STEL	375 ppm 1,800 mg/m <sup>3</sup>	CAL PEL

<b>Heptane (142-82-5)</b>		
TWA	500 ppm 2,000 mg/m <sup>3</sup>	OSHA Z-1
TWA	400 ppm 1,600 mg/m <sup>3</sup>	OSHA P0
STEL	500 ppm	OSHA P0

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	2,000 mg/m3	
TWA	400 ppm	ACGIH
STEL	500 ppm	ACGIH
PEL	400 ppm 1,600 mg/m3	CAL PEL
STEL	500 ppm 2,000 mg/m3	CAL PEL

### Exposure Controls

**Appropriate Engineering Controls:** Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Take precautionary measures against static discharges. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapors may be released.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.

**Hand Protection:** Solvent-resistant gloves

**Eye Protection:** Chemical goggles or safety glasses with side shields.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** When manufacturing or handling product in large quantities and vapors or mists may be generated, maintain airborne concentrations below recommended limits. Workplace risk assessments should be completed before specifying and implementing respirator usage. NIOSH approved respirators for protection should be used if respirators are found to be necessary.

**Other Information:** When using, do not eat, drink, or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Clear
Odor	: Hydrocarbon -like
Flash Point	: 14°C
Vapor Pressure	: Not determined
Specific Gravity	: 0.7
Solubility	: In Not determined
Volatile Organic Compounds	: Not determined

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Chemical Stability:** Flammable liquid and vapor. Product is stable under recommended handling and storage conditions (see Section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). May release flammable gases.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information On Toxicological Effects – Product

#### Product

Acute oral toxicity      Acute toxicity estimate : 4,762 mg/kg  
Method: Calculation method

Acute dermal toxicity      Acute toxicity estimate : 2,857 mg/kg  
Method: Calculation method

### Information on Toxicological Effects – Ingredient(s)

#### LD50 and LC50 Data

<b>Solvent naphtha, petroleum, light aromatic (64742-95-6)</b>	
LD50 Dermal Rat	>2,000 mg/kg
LC50 Inhalation Rabbit	3,400 ppm/4 h

<b>Octane</b>	
Acute inhalation toxicity	LC50 Rat: 118 mg/l Exposure time: 4 h Test atmosphere: vapor
<b>Heptane</b>	

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Acute dermal toxicity	LD50 Dermal Rabbit: 3,000 mg/kg
Acute oral toxicity	LD50 Oral Mouse: 5,000 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

**Ecology – General:** Very toxic to aquatic life with long lasting effects.

### Solvent naphtha, petroleum, light aromatic (64742-95-6)

**LC50 Fish 1** 9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

**EC50 Daphnia 1** 6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)

### octane

Toxicity to daphnia and other aquatic invertebrates EC50 (Daphnia): 0.38 mg/l  
Exposure time: 48 h  
Test Method: static test

### Heptane

Toxicity to daphnia and other aquatic invertebrates EC50 (Daphnia magna (Water flea)): > 10 mg/l  
Exposure time: 24 h  
Test Method: static test

### Bioaccumulative Potential

#### Octane

**Log Pow** 5.18

#### Heptane

**Log Pow** 04.68

### Mobility in Soil

No additional information available

### Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Additional Information:** Prevent runoff from entering drains, sewers, or waterways.

## SECTION 14: TRANSPORT INFORMATION

### In Accordance with DOT

**Proper Shipping Name** : Petroleum distillates n.o.s.  
**Hazard Class** : 3  
**Identification Number** : UN 1268  
**Packing Group** : II



### In Accordance with IMDG

**Proper Shipping Name** : Petroleum distillates n.o.s.  
**Hazard Class** : 3  
**Identification Number** : UN 1268  
**Packing Group** : II  
**Marine pollutant** : No



### In Accordance with IATA

**Proper Shipping Name** : Petroleum distillates n.o.s.  
**Hazard Class** : 3  
**Identification Number** : UN 1268  
**Packing Group** : II



## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

#### SARA Section 311/312 Hazard Classes

Fire hazard

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Immediate (acute) health hazard  
Delayed (chronic) health hazard

## SARA Section 302 Threshold Planning Quantity (TPQ)

This material does not contain any components with a section 302 EHS TPQ.

## SARA Section 312 – Emission Reporting

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

## Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

## The ingredients of this product are reported in the following inventories:

TCSI	On the inventory, or in compliance with the inventory
TSCA	On the inventory, or in compliance with the inventory
AIIC	On the inventory, or in compliance with the inventory
DSL	On the inventory, or in compliance with the inventory
KECI	On the inventory, or in compliance with the inventory
PICCS	On the inventory, or in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory
TECI	On the inventory, or in compliance with the inventory

**Inventories Legend** TSCA (USA), DSL (Canada), REACH (Europe), AIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 03/27/2026

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### Party Responsible for the Preparation of This Document

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*This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.*

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