

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SB100 Asphalt Release Agent  
Description: Release Agent  
Product Code: NTN SBARA  
Suggested Use: Releasing Agent for Asphalt  
Restrictions on Use: None

Supplier: NuTech Specialties, Inc.  
9811 South 6150 West  
West Jordan, UT 84081  
Telephone: 801-253-1000 (M-F) 8:00-5:00  
Fax: 801-280-0307  
Emergency Phone: 800-633-8253

## 2. HAZARDS IDENTIFICATION

### Classification:

GHS Classification: Skin Sensitization 1B  
Aspiration Toxicity 1

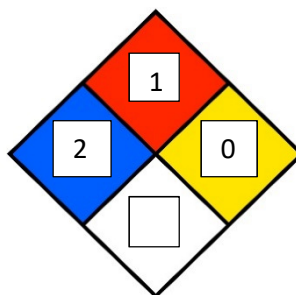
### GHS Label Elements

Pictogram:



Signal Word: Danger  
Hazard Statements: May be fatal if swallowed and enters airways  
May causes an allergic skin reaction

Precautionary Statements:



HMIS Classification:

Product: SB100 Asphalt Release Agent

NFPA Rating:

Health	2
Fire	1
Reactivity	0
Personal Protection	B

Potential Health Effects: Causes eye irritation

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>Concentration</u>
Soy Metyl Esters	68919-53-9	<80%
Methyl Alcohol	57-56-1	>.2%

Synonyms:

### 4. FIRST AID MEASURES

If Inhaled:	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced
Skin Contact:	Flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician.
Eye Contact:	Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Immediately call a doctor or physician.
If Ingested:	Do not induce vomiting unless instructed to do so by physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult physician.

### 5. FIREFIGHTING MEASURES

Extinguishing Media:	Use alcohol resistant foam, dry chemical, or carbon dioxide
Hazardous Combustion Products:	Firefighting personnel should respond with appropriate protective clothing, firefighting gear, and breathing equipment as trained.

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Special Protective Equipment for Firefighters:

In fire conditions: a complex mixture of airborne solids, liquids, and gases including Carbon Monoxide, Carbon Dioxide, and unidentified organic compounds.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Always ensure adequate ventilation.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Prevent from entering drains and waterways. Discharge into environment must be avoided.

Containment and Clean Up: Soak up with inert absorbent material and dispose of. Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

Safe Handling: Keep away from flames and hot surfaces. Use personal protective equipment. Always ensure adequate ventilation.

Safe Storage: Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials. Do not freeze.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

Component	CAS Number	Exposure Limit	Basis
Soy Metyl Esters	68919-53-9	-	-
Methyl Alcohol	57-56-1	200 ppm TWA 250ppm STEL	ACGIH TLV

General Controls: Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

### Personal Protective Equipment

Eye Protection: Tightly fitting safety glasses or goggles should be sufficient. Have eye-wash stations available where eye contact can occur.

Hand Protection: Handle with chemical resistant gloves. Gloves must be inspected prior to use. Wash and dry hands after use.

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Skin Protection: Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in work area where skin contact can occur.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full face respirator with appropriate cartridges. Always ensure adequate ventilation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Yellow Liquid
Odor:	Slight
Odor Threshold:	No Data Available
pH:	Not Applicable
Melting/Freezing Point:	No Data Available
Boiling Point:	288-366°C / 550-690°F
Flash Point:	115-197°C / 239-386°F
Evaporation Rate:	No Data Available
Flammability (Solid, Gas):	N/A
Flammability/Explosion Limits:	No Data Available
Vapor Pressure @ 20°C:	No Data Available
Vapor Density:	No Data Available
Specific Gravity:	0.88
Density:	No Data Available
Solubility in Water:	No Data Available
Partition Coefficient:	No Data Available
Auto Ignition Temperature:	374-449°C / 705-840°F
Decomposition Temperature:	No Data Available
Viscosity @ 40°C:	3.79-4.72 cSt

## 10. STABILITY AND REACTIVITY

Chemical Stability: This material is stable at 70°F

Conditions and Materials to Avoid: Excessive heat, sources of ignition, open flame. Water contamination during storage

Hazardous Decomposition Products: None known under normal conditions of use

## 11. TOXICOLOGICAL INFORMATION

Product: SB100 Asphalt Release Agent

Acute Toxicity- Not determined

Component	CAS Number	Test	Toxicity
Soy Metyl Esters	68919-53-9	Oral LD50	>5000 mg/kg (Rat)
		Dermal LD50	>5000 mg/kg (Rabbit)
		Inhalation LC50	-
Methyl Alcohol	57-56-1	Oral LD50	>2000 mg/kg (Rat)
		Dermal LD50	>5000 mg/kg (Rabbit)
		Inhalation LC50	>40 mg/L (Rat) 4 h

## Potential Health Effects

Inhalation:	Excessive inhalation of mist may result in respiratory irritation. Overheating may produce vapors which may cause respiratory irritation, dizziness and nausea.
Skin:	May cause sensitization by skin contact. Prolonged and repeated contact may cause defatting and drying of the skin and may lead to irritation and/or dermatitis.
Eyes:	Produces little or no irritation on direct contact with eyes.
Ingestion:	Ingestion of large amounts may cause gastrointestinal disturbances. Aspiration into lungs may cause chemical pneumonia and lung damage.
Signs and Symptoms of Exposure:	May cause allergic skin reaction. Symptoms may include redness, itching and inflammation. Aspiration hazard. May cause coughing, chest pains, shortness of breath, pulmonary edema and/or chemical pneumonitis. Preexisting skin conditions and/or respiratory disorders may be aggravated by exposure to this product.
Chronic Effects of Long Term Exposure:	None known
Carcinogenicity:	None known

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## 12. ECOLOGICAL INFORMATION

### Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
Soy Metyl Esters	68919-53-9	Bluegill	96-hr LC50>1,000 mg/L
		Rainbow Trout	96-hr LC50>450 mg/L
Methyl Alcohol	57-56-1	Fathead Minnow	96-hr LC50>100 mg/L
		Rainbow Trout	96-hr LC50>10,000 mg/L
		Daphinia Magna	48-hr EC50>10,000 mg/L

### Ecological Effects

Persistence and Degradability:	Expected to be readily biodegradable under aerobic conditions.
Bioaccumulation Potential:	Not expected to bioaccumulate in aquatic organisms
Mobility in Soil:	May partition into air, soil and water
Other Adverse Effects:	No information available

## 13. DISPOSAL CONSIDERATIONS

Disposal:	Material should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region.
Contaminated Packaging:	Dispose of as unused product.

## 14. TRANSPORT INFORMATION

### DOT Information

Proper Shipping Name:	Not Regulated
UN Number:	N/A
Hazard Class:	N/A
Packing Group:	N/A
Reportable Quantity (RQ):	N/A
Marine Pollutant:	N/A
Note:	

## 15. REGULATORY INFORMATION

### US Federal

SARA 302 Components: No  
SARA 311/312 Hazards: No  
SARA 313 Components: No  
TSCA Inventory: No

### European Union

EC Inventory:

### State Regulations

Utah Clean Air: No

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## 16. OTHER INFORMATION

SDS Version: 1.0  
Revision Date: 11/03/2016  
Supercedes: New to GHS

### **Notice to Reader:**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or the completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

NuTech Specialites, Inc.

**Validated on:**

Product: SB100 Asphalt Release Agent