

MSDS SHEETS

PRODUCT NAME: StrappedTM

1. INGREDIENTS: Molasses / Molasses Blends

2. PHYSICAL DATA:

Physical Form: Liquid
Boiling Point: Very High
Vap Press: Low
Vap Density: Water vapor only
Sol in Water: Soluble
Evaporation Rate: No Data
Appearance: Dark brown syrupy liquid
Odor: Sweet

3. FIRE AND EXPLOSION HAZARD DATA:

Flash Point: N/A
Method Used: N/A

FLAMMABLE LIMITS:

LFL: N/A
UFL: N/A

EXTINGUISHING MEDIA: N/A

Usual Fire and Explosion Hazards – Fermentation occurs when diluted with water and is accelerated by heat. During fermentation carbon monoxide with possible traces of ethanol or volatile fatty acids (e.g., acetic, propionic, lactic, or butyric) is given off, which produces inhalation hazards and possible explosion hazards.

4. REACTIVITY DATA:

STABILITY: Stable

POLYMERIZATION: N/A

Conditions to Avoid: Excess moisture or heat. Unventilated containers

Materials to Avoid: Reacts with concentrated nitric acid or concentrated sulphuric acid. Ferments when diluted with water.

Hazardous Decomposition Products: Carbon monoxide, alcohol or fatty acid vapors

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS OR LEAKS:

Small Spill: Absorb with commercial or other absorbent and shovel into container for proper disposal.

Large Spill: Stop the source of the spill. Dike up with absorbent material for containment. Prevent the release from entering a waterway or sewer. Recover useable product. Mop up or pump material into a container (metal/plastic bin) for proper disposition at an approved facility such as a municipal landfill or land application site. If solid crystals form as the material cools, add water to help clean up.

Release Notes: If spill could potentially enter any waterway such as small creeks, contact local authorities. For navigable waterways contact the US Coast Guard National Response Center 800-424-8802. Notify as appropriate federal, state and local agencies. Clean up any spills immediately.

6. FIRST AID:

IF INHALED: No data

IN CASE OF EYE CONTACT: Flush eyes for 15 minutes.

IN CASE OF SKIN CONTACT: wash with soap and water.

IF SWALLOWED: no data.

7. HEALTH HAZARD INFORMATION:

PRIMARY ROUTES OF EXPOSURE: Eye/skin

SIGNS AND SYMPTOMS OF EXPOSURE:

Eye Contact: May cause mild irritant of stinging, watering and redness.

Skin Contact: May cause mild irritant of redness and burning.

Inhalation: No information available. Could maybe be an irritant to respiratory tract. Insufficient oxygen may be present in vessels containing the product due to the generation of carbon monoxide during fermentation.

Swallowed: No information available. Studies would suggest gastrointestinal irritation; nausea, vomiting and diarrhea may be possible.

CHRONIC EFFECTS OF EXPOSURE: No potential chronic effects known. Urea is a naturally occurring chemical in the body. It is an end product of protein metabolism and is excreted in urine.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE: Avoid contact with eyes or prolonged skin contact.

VENTILATION: provide adequate ventilation to prevent accumulation of vapors.

RESPIRATORY PROTECTION: None

PROTECTIVE CLOTHING: Rubber gloves

EYE PROTECTION: Safety Glasses

OTHER PROTECTIVE MEASURES: Was any exposed area promptly with soap and water. Launder contaminated clothing.