

ST MUDViS 100

Xanthan Gum Slurry

SECTION 1 – PRODUCT AND SUPPLIER IDENTIFICATION

Product: ST MUDViS 100
Supplier: SingleTrack Solutions Corp.
Address: 4838 Richard Road SW, Calgary, Alberta, Canada T3E 6L1
Office: 1-587-353-4119
Emergency (24hr): 1-888-226-8832 (CANUTEC)

Product detail

Product Name: ST MUDViS 100
Synonyms: N/A
CAS No.: N/A

SECTION 2 – HAZARD(S) IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

Classification

Skin Irritation – Category 2; specific target organ toxicity (single exposure) – Category 3

Label Elements

Signal Word:

Warning

Hazard Statement(s):

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

Precautionary Statement(s):

Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash hands and skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.

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P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTRE or doctor if you feel unwell.

P332 + P313 If skin irritation occurs: Get medical advice or attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Disposal: P501 Dispose of contents and container in accordance with local, regional, national, and international regulations.

Other Hazards

None known.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Distillates Petroleum	64742-47-8	30 – 60*	Not Available	Not available

Notes

Concentrations are expressed in % weight/weight.

*The actual concentration or concentration range is withheld as a trade secret

SECTION 4 – FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. Keep at rest in a position comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. If the heart has stopped, trained personnel should start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). Avoid mouth-to-mouth contact by using a barrier device. Get medical advice or attention if you feel unwell.

Skin Contact

Quickly and gently blot or brush away excess chemicals. Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. Take off contaminated clothing, shoes and leather goods (e.g., watchbands, belts). If skin irritation occurs, get medical advice or attention. Clean clothing, shoes, and leather goods.

Eye Contact

Quickly and gently blot or brush chemical off the face. Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists, get medical advice or attention.

Ingestion

Rinse mouth with water. Never give anything by mouth if a person is rapidly losing consciousness or is unconscious or convulsing. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. If breathing is difficult, trained personnel should

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administer emergency oxygen if advised to do so by the Poison Centre or doctor. If breathing has stopped, trained personnel should immediately begin rescue breathing. If the heart has stopped, trained personnel should start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). Avoid mouth-to-mouth contact by using a barrier device.

Most Important Symptoms and Effects, Acute and Delayed

If on skin: causes moderate to severe irritation. Symptoms include pain, redness, and swelling.

If inhaled: may cause CNS depression. Symptoms may include headache, nausea, dizziness, drowsiness, and confusion.

Immediate Medical Attention and Special Treatment

Target Organs

Skin, nervous system.

Special Instructions

Not available.

Medical conditions aggravated by exposure.

Not available.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

Unsuitable Extinguishing Media

Do not use direct streams of large volumes of water as this may spread the fire.

Specific Hazards Arising from the Product

Closed containers may rupture violently when heated releasing contents.

In a fire, the following hazardous materials may be generated: Carbon oxides.

Special Protective Equipment and Precautions for Fire-fighters

Evacuate area. For a massive fire, immediately evacuate the area and use unmanned hose holder or monitor nozzles. Use water spray to cool containers/tanks. Knock down vapours or gases with water fog or fine water spray. Dike and recover contaminated water for appropriate disposal. Do not use a solid stream of foam into hot, burning pools: this may cause frothing and increase fire intensity. Protective gear and clothing should be thoroughly decontaminated before re-use. When fighting chemical fires, emergency responders should wear NIOSH approved self-contained breathing apparatus and appropriate protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Ensure adequate ventilation in area. Remove or isolate incompatible materials as well as other hazardous materials.

Environmental Precautions

Prevent product from entering drains, soil, ditches, sewers, waterways and/or groundwater. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

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Methods and Materials for Containment and Cleaning Up

Small spills or leaks: stop or reduce leak if safe to do so. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

Large spills or leaks: stop or reduce leak if safe to do so. Dike spilled product to prevent runoff. Knock down vapour with fog or fine water spray. Do not direct water at spill or source. Remove or recover liquid using pumps or vacuum equipment. Flush spill area. Dike and recover contaminated water for appropriate disposal.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Avoid breathing in this product. Wash hands thoroughly after handling this product and before eating, using the washroom, or leaving work area. Only use where there is adequate ventilation. Wear personal protective equipment to avoid direct contact with this chemical. See Section 8 for appropriate Personal Protective Equipment (PPE). Do not ingest product. Do not get in your eyes. Avoid repeated or prolonged skin contact. Avoid generating vapors or mist. Do NOT eat, drink, or store food in work areas. Do NOT smoke in work areas. Prevent uncontrolled release of product.

Conditions for Safe Storage

Store locked up. Store in an area that is: dry, cool, well-ventilated. Separate from incompatible materials. Keep containers tightly closed when not in use.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH®TLV®		Alberta		SASK	
	TWA	STEL (C)	OEL	STEL	OEL	STEL
Distillates Petroleum	5.66mg/ft ³ (200mg/m ³)A3**	Not established				

ACGIH® = American Conference of Governmental Industrial Hygienists.

TLV® = Threshold Limit Value.

TWA = Time-Weighted Average.

STEL = Short-term Exposure Limit.

C = Ceiling limit.

OEL = Occupational Exposure Limit

A3 = Animal carcinogen.

** as total hydrocarbon vap

Appropriate Engineering Controls

General ventilation is usually adequate. An eyewash and safety shower should be within acceptable distance to the work area.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles. Use chemical goggles or a face shield if product could be splashed.

Skin Protection

Wear gloves with appropriate chemical resistance, see manufacturers specifications for suitability. Wear long sleeves, long pants and appropriate footwear while working with product.

Respiratory Protection

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If conditions exist above the OEL wear a NIOSH approved air-purifying respirator with an appropriate cartridge

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Tan Slurry
Odour	Hydrocarbon
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing point	Not available (melting); Not available (freezing)
Boiling point/Initial boiling point	>95°F (35°C)
Boling Range	Not available
Flash Point	Not applicable
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable (liquid)
Upper/Lower Flammability or Explosive limit	Not available (upper); Not available (lower)
Vapor Pressure	Not available
Vapor Density (air=1)	Not available
Relative Density (water=1)	1.09 at 68°F (20°C)
Solubility	Dispersible in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Liquid

SECTION 10 – STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Excess heat for prolonged periods of time. Open flames, sparks, static discharge, heat, and other ignition sources.

Incompatible Materials

Strong oxidizing agents (e.g., perchloric acid), strong acids (e.g., hydrochloric acid).

Hazardous Decomposition Products

Oxides of carbon.

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Skin contact; eye contact; ingestion; inhalation.

Acute Toxicity

Chemical Name	LC50	LC50 (oral)	LC50 (dermal)
Distillates Petroleum	Not available	Not Available	Not Available

LC50 (Inhalation)

No information was located.

ATE (Inhalation)

No information was located.

ATE (Oral)

No information was located.

ATE (Dermal)

No information was located.

Skin Corrosion/Irritation

Product can cause moderate skin irritation. Symptoms include pain, redness, and swelling.

Serious Eye Damage/Irritation

May cause mild irritation based on information for closely related chemicals. Symptoms include sore, red eyes, and tearing.

STOT (specific target organ toxicity) – Single Exposure

Inhalation

May cause depression of the central nervous system. Symptoms may include headache, nausea, dizziness, drowsiness, and confusion.

Skin Absorption

No information as located.

Ingestion

No information was located.

Aspiration Hazard

Due to the viscosity, this product does not present an aspiration hazard.

STOT (Specific Target Organ Toxicity) – Repeated Exposure

No information was located.

Respiratory and/or Skin sensitization

Not known to be a respiratory sensitizer.

Not known to be a skin sensitizer.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Distillates Petroleum	Not listed	A3	Not listed	Not listed

Not known to cause cancer.

Key to Abbreviations

IARC = International Agency for Research on Cancer.

ACGIH® = American Conference of Governmental Industrial Hygienists.

A3 = Animal carcinogen.

NTP = National Toxicology Program.

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OSHA = US Occupational Safety and Health Administration

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via location

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

SECTION 12 – ECOLOGICAL INFORMATION

Do not allow product to contaminate domestic or irrigation water supplies, lakes, streams, ponds or rivers.

Ecotoxicity

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Distillates Petroleum	11mg/gal (2.9 mg/L) (oncorhynchusmukiss (rainbow trout): 96- hour	Not available	Not available	Not available

Persistence and Degradability

No information was located.

Bio accumulative Potential

No information was located.

Mobility in Soil

No information was located.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods

This material is classified as hazardous by the Hazardous Products Regulations (SOR/2015-17). Do NOT dump into any sewers, on the ground or into any body of water. Dispose of unused products in accordance with local environmental and public health regulations. Follow label warnings even if the container appears to be empty. Dispose of or recycle empty containers through an approved waste management facility.

SECTION 14 – TRANSPORTATION INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

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SECTION 15 – REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

Listed on the DSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.

SECTION 16 – OTHER INFORMATION

Disclaimer

The information contained in this document (Safety Data Sheet) was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness, or accuracy. Since the conditions, handling, storage, and disposal of this product are beyond the control of the manufacturer/supplier, they are not held responsible for any loss, injury, damage, liability or expense arising out of the product's use. No warranty, expressed, implied, or inferred, regarding the product described in this document (Safety Data Sheet) shall be created or inferred by any statement in this document (Safety Data Sheet).

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