

Safety Data Sheet

Product Identifier

Manufacturer's Name: CAPO INDUSTRIES LTD.
Street Address: 1200 Corporate Drive
City: Burlington, Ontario, CANADA
Postal Code: L7L 5R6

Emergency Telephone: Canutec (613) 996-6666 (Collect)

SECTION 1. IDENTIFICATION

Product Identifier CTC Fuel Stabilizer

Other Means of Identification Not applicable

Recommended Use Fuel Additive

Restrictions on Use Not available

Initial Supplier Identifier Not applicable

Emergency Telephone Number Canutec (613) 996-6666 (Collect)

SECTION 2. HAZARD IDENTIFICATION

Classification Flammable Liquid, Category 3
Aspiration Hazard, Category 1
Skin corrosion/irritation, Category 2
Serious eye damage/eye irritation, Category 2B
Specific target organ toxicity, Single exposure, Narcotic effects, Category 3

Label Elements



Signal Word: Danger

CTC Fuel Stabilizer

Hazard statements:	<p>H226 Flammable liquid and vapour.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H315 Causes skin irritation.</p> <p>H320 Causes eye irritation.</p> <p>H336 May cause drowsiness or dizziness.</p>
Precautionary statements:	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P240 Ground and bond container and receiving equipment.</p> <p>P241 Use explosion proof (electrical/ventilating/lighting) equipment.</p> <p>P242 Use non-sparking tools.</p> <p>P243 Take action to prevent static discharges.</p> <p>P261 Avoid breathing fume/vapours/spray.</p> <p>P264 Wash hands thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/protective clothing/eye protection.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTER/doctor if you feel unwell.</p> <p>P321 Specific treatment (see first aid on this label).</p> <p>P331 Do not induce vomiting.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P370+P378 In case of fire: Use carbon dioxide, dry chemical, alcohol foam, water fog to extinguish.</p> <p>P403+P233 Store in a well ventilated place. Keep container tightly closed.</p> <p>P403+P235 Store in a well ventilated place. Keep cool.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with local regulations.</p>
Other Hazards	<p>Static accumulating liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapour may cause flash fire. Liquid conductivity is <100pS/m at 77°F.</p>

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Stoddard Solvent	8052-41-3	60 - 100	Mineral Spirits	Not available
Solvent Naphtha (petroleum), medium aliph.	n/a	1 - 5	Not available	Not available
Alkyl phenol	n/a	0.1 – 1.0	Not available	Not available

Notes: No additional information available.

SECTION 4. FIRST-AID MEASURES

Inhalation Remove person to fresh air. Call a physician.

Skin Contact Wash thoroughly with soap and water for 15 minutes. Remove contaminated clothing and wash before reuse.

Eye Contact Flush eyes with plenty of water for 15 minutes. Seek medical attention.

Ingestion Do not induce vomiting. If conscious, rinse out mouth with water.

Most Important Symptoms and Effects, Acute and Delayed

Exposure to high concentrations of vapours may cause irritation to the eyes, nose and throat, nausea and dizziness.

Immediate Medical Attention and Special Treatment

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately, if large quantities have been ingested or inhaled.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable Extinguishing Media Do not use solid water stream.

Specific Hazards Arising from the Product

Elevated temperatures can lead to the formation of irritating vapours. Decomposing products may include the following materials: Carbon dioxide and Carbon monoxide. This product is a static accumulating liquid. Static accumulating liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapour may cause flash fire. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Restrict flow velocity to avoid build-up of static charge.

Special Protective Equipment and Precautions for Fire-Fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

Methods for Containment and Cleaning Up

Stop leak if without risk. Use absorbent pads or earthen dams to contain. A vapour suppressing foam may be used to reduce vapours. Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled container.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

No eating, drinking or smoking in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get into eyes, skin or clothing. Do not ingest. Avoid breathing vapour or mist. Use only with adequate ventilation. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material.

Conditions for Safe Storage

Keep in a dry, cool and well-ventilated area away from direct sunlight. Keep away from incompatible materials. Store and use away from heat, sparks, open flame or any other ignition source.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
Stoddard Solvent	100 ppm	Not available	500 ppm, 2900 mg/m ³	Not available
Solvent Naphtha (petroleum), medium aliph.	Not available		Not available	
Alkyl phenol	2 mg/m ³	Not available	Not available	

Notes Ensure eye wash and shower stations are close to the work area.

Appropriate Engineering Controls

This product is a static accumulating liquid. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Material should be handled in enclosed vessels and equipment. Use only in adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below exposure limits.

Individual Protection Measures

Eye/Face Protection	Safety glasses/goggles if eye contact is likely.
Skin Protection	Rubber gloves if skin contact is likely.
Respiratory Protection	Wear NIOSH approved half-mask respirator with an organic vapour cartridge if prolonged use in a non-ventilated area is unavoidable.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear red liquid.
Odour	petroleum odour
Odour Threshold	Not available
pH	Not applicable
Melting Point and Freezing Point	Not available
Initial Boiling Point and Boiling Range	154°C/310°F (Stoddard Solvent)
Flash Point	41°C/105°C TCC (Stoddard Solvent)
Evaporation Rate	Not available
Flammability	Flammable liquid and vapour.
Upper and Lower Flammability or Explosive Limit	7.5% / 1.0% (Stoddard Solvent)
Vapour Pressure	0.62 (Stoddard Solvent)
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	0.770 – 0.790
Solubility in Water	Not soluble
Solubility in Other Liquids	Not available
Partition Coefficient, n-Octanol / Water (Log Kow)	Not available

Auto-ignition Temperature 400°C / 752°F (Stoddard Solvent)

Decomposition Temperature Not available

Viscosity 1.8 mm²/s at 40°C (Stoddard Solvent)

SECTION 10. STABILITY AND REACTIVITY

Reactivity None

Chemical Stability Stable under normal conditions. If heated, product's static accumulation will rise and could cause flash fire.

Possibility of Hazardous Reactions None, under normal processing.

Conditions to Avoid High temperatures, flames, sparks.

Incompatible Materials Strong acids and oxidizing materials.

Hazardous Decomposition Products Smoke, CO, CO₂, aldehydes and other products of incomplete combustion.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

☒ Inhalation ☒ Skin contact ☒ Eye contact ☒ Ingestion

Acute Toxicity

LC50

Stoddard Solvent: >5 mg/l, Inhalation 4hr (Rat)

Solvent Naphtha (petroleum), medium aliph.: 5.28 mg/l, Inhalation 4hr (Rat)

Alkyl phenol: Not available

LD50 (oral)

Stoddard Solvent: >5000 mg/kg, Oral (Rat)

Solvent Naphtha (petroleum), medium aliph.: >5000 mg/kg, Oral (Rat)

Alkyl phenol: 6000 mg/kg, Oral (Rat)

LD50 (dermal)

Stoddard Solvent: >2000 mg/kg, Dermal (Rabbit)

Solvent Naphtha (petroleum), medium aliph.: >2000 mg/kg, Dermal (Rat)

Alkyl phenol: >2000 mg/kg, Dermal (Rabbit)

Notes

Swallowing this material causes irritation of mouth, esophagus and stomach, with nausea, vomiting, diarrhea and

abdominal pain.

Skin Corrosion / Irritation Skin contact will cause irritation.

Serious Eye Damage / Irritation Eye contact will cause irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation of high concentrations may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects including death.

Aspiration Hazard

If swallowed can be aspirated into lungs and cause chemical pneumonia, varying degrees of pulmonary injury or death. If swallowed, do not induce vomiting.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Prolonged or repeated exposure to the skin results in symptoms of irritation and redness, dermatitis or oil acne.

Respiratory and/or Skin Sensitization None known

Carcinogenicity

Chemical Name	IARC	ACGIH®	OSHA
Stoddard Solvent	Not available	Not available	Not available
Solvent Naphtha (petroleum), medium aliph.	Not classified	Not classified	Not classified
Alkyl phenol	Not classified	Not classified	Not classified

Notes No additional information available.

Reproductive Toxicity

Development of Offspring None known

Sexual Function and Fertility None known

Effects on or via Lactation None known

Germ Cell Mutagenicity None known

Interactive Effects None known

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity Not available

Persistence and Degradability Not available

Bioaccumulative Potential Not available

Mobility in Soil Not available

Other Adverse Effects Not available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods Dispose absorbed material in a fireproof container in accordance with federal, provincial and local regulations.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
TDG	1268	Petroleum Distillates, N.O.S.	Naphtha Solvent	3	III
DOT	1268	Petroleum Distillates, N.O.S.	Naphtha Solvent	3	III
IATA	1268	Petroleum Distillates, N.O.S.	Naphtha Solvent	3	III
IMDG	1268	Petroleum Distillates, N.O.S.	Naphtha Solvent	3	III

Special Precautions Limited Quantity is 5L and under.

Environmental Hazards None known

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

DSL/NDSL

All components are either on the Domestic Substance List (DSL), the Non-Domestic Substances List (NDSL) or are exempt.

USA

TSCA

All components are either on the Toxic Substances Control Act (TSCA) Inventory List or are exempt.

SARA Section 311&312: Acute hazard, chronic hazard and fire hazard.

SECTION 16. OTHER INFORMATION

Prepared By (Group, Department): Quality Control

Telephone: (905) 332-6626

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Date of Latest Revision: August 17, 2020

Additional Notes or References:

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