



S A F E T Y D A T A S H E E T

CGTC 7150

Preparation Date: April 2nd, 2025

1. Identification of substance and of the company

Supplier identifier BRODI SPECIALTY PRODUCTS LTD.
3175 14th Avenue, Unit 1
Markham, Ontario, Canada, L3R 0H1
1-877-744-0751

Product identifier CGTC 7150

Emergency telephone number (905) 857-1234

Transportation Emergency Telephone Number(s): CANUTEC 613-996-6666 or *666 for cell phone

2. Hazard Identification

GHS Classification

Flammable Liquid Category 3

Eye Irritant Category 2B

Skin Irritant Category 2

Aspiration Hazard Category 1

Hazard Pictograms



GHS Label Elements, Including Precautionary Statement

Signal Word DANGER

Hazard Statements: Flammable liquid and vapour. Causes eye and skin irritation. May be fatal if swallowed and enters airways.

Precautionary Statements Keep away from heat/sparks/open flames/hot surfaces. No smoking. Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/ attention. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs, get medical attention. IF SWALLOWED: Immediately call a Poison Control Centre / Doctor. Do NOT induce vomiting. IN CASE OF FIRE: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage Store locked up. Store in a well-ventilated place. Keep cool.

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

Other Hazards None known.

3. Composition / Information on ingredients

Pure Substance / Mixture	Mixture
Chemical Name	Naphtha (petroleum), hydrotreated heavy. CAS#: 64742-48-9. Concentration: 80%-90% by weight.
Chemical Name	d-Limonene CAS#: 5989-27-5 Concentration: 10%-15% by weight.

4. First aid measures

Eye Contact.....	May cause eye irritation. Symptoms may include irritation. Immediately flush with plenty of cool running water. Get medical attention if irritation persists.
Skin Contact.....	May cause skin irritation. Symptoms may include irritation and cracking. Rinse with plenty of running water. Get medical attention if irritation persists.
Ingestion.....	If swallowed, can aspirate into lungs and cause chemical pneumonia, varying degrees of pulmonary injury, or death. Symptoms may include nausea and vomiting. Get medical attention immediately. Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
Inhalation.....	No known significant effects or critical hazards under normal use. Remove to fresh air. Treat symptomatically. Get medical attention if irritation persists. No symptoms known or expected.

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary

Notes to Physician	May be fatal if swallowed and enters airways. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific Treatments	No specific treatment.
First-Aider Protection	If potential for exposure exists refer to Section 8 for specific personal protective equipment. No action shall be taken involving any personal risk without suitable training.

See Toxicological Information (Section 11) for more detailed information on health effects and symptoms.

5. Firefighting Measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the ` surrounding environment.
Unsuitable Extinguishing Media	Do not use water jet.
Specific Hazards During Fire-fighting.....	Fire Hazard Keep away from heat and sources of ignition. Flash back possible over considerable distance. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Hazardous Combustion Products	Decomposition products may include carbon oxides.
Fire-Fighter Special Protective Equipment.....	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-Fighter Special Precautions	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk without suitable training. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.
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6. Accidental release measures

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures	Remove all sources of ignition. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
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Methods and Materials for Containment and Cleaning Up

Small spill	Eliminate all ignition sources if safe to do so. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	Eliminate all ignition sources if safe to do so. Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. See Section 13 for additional disposal information.
Environmental Precautions	Do not allow contact with soil, surface or ground water.

7. Handling and storage

Precautions for safe handling

Protective Measures	Put on appropriate personal protective equipment (see Section 8).
Advice on Safe Handling	Keep away from fire, sparks and heated surfaces. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Open container carefully as content may be under pressure. Do not ingest. Wash hands thoroughly after handling. Eating, drinking and smoking should be prohibited 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. See Section 8 for additional information on hygiene measures.
Conditions for Safe Storage	Keep away from heat and sources of ignition. Keep out of reach of children. Keep container tightly closed. Store in suitably labelled original container protected from

direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.

8. Exposure controls / personal protection

Components with Workplace Control Parameters

Ingredient	List Name	TWA (8 hours)			STEL (15 minutes)			Ceiling			Notations
		ppm	mg/m ³	Other	ppm	mg/m ³	Other	ppm ^I	mg/m ³	Other	
Naphtha (petroleum), hydrotreated heavy	US ACGIH	100	-	-	-	-	-	-	-	-	-
d-limonene	US AIHA 5/2010	30	-	-	-	-	-	-	-	-	-

Appropriate Engineering Controls Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal Protective Equipment

Eye Protection Use chemical splash goggles.

Hand Protection Wear chemical resistant, impervious gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin Protection Wear other protective equipment / clothing as necessary to prevent skin contact.

Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

9. Physical and chemical properties

Physical State Liquid.

Colour Clear colourless

Odour Orange

Odour Threshold No data available

pH Not applicable.

Melting Point/Freezing Point No data available

Initial Boiling Point/Boiling Range >100oC

Flash Point (Closed Cup) 48oC

Evaporation Rate No data available

Flammability (Solid, Gas) Not applicable (liquid)

Upper Explosive (Flammable) Limit No data available

Lower Explosive (Flammable) Limit No data available

Vapour Pressure No data available

Vapour Density No data available

Relative Density 0.8

Solubility Insoluble in water

Partition Coefficient (n-octanol/water) No data available

Auto-Ignition Temperature No data available

Decomposition TemperatureNo data available
 Viscosity<25 cps

10. Stability and reactivity

Reactivity.....No specific test data related to reactivity available for this product or its ingredients
 Chemical stabilityStable under normal conditions
 Possibility of Hazardous Reactions.....Under normal storage and use conditions, hazardous reactions will not occur
 Conditions to AvoidNone known
 Incompatible MaterialsAcids, metals
 Hazardous Decomposition Products.....Under normal conditions of storage and use, hazardous decomposition products should not be produced. Decomposition products during combustion may include carbon oxides.

11. Toxicological information

Information on Likely Routes of ExposureEye contact, Skin contact, Ingestion, Inhalation

Potential Acute Health Effects

Eye Contact.....May cause eye irritation.
 Skin Contact.....May cause skin irritation..
 Ingestion.....If swallowed can aspirate into lungs and cause chemical pneumonia, varying degrees of pulmonary injury or death.
 Inhalation.....No known significant effects or critical hazards under normal use.

Over-Exposure Signs/Symptoms

Eye Contact.....Irritation
 Skin Contact: Irritation, cracking
 Ingestion.....Nausea, vomiting
 Inhalation.....No symptoms known or expected.
 Delayed & Chronic Effects from Short/Long Term Exposure...No known significant effects or critical hazards.

Toxicity

Product Acute Oral Toxicity Estimate.....>5000 mg/kg
 Product Acute Dermal Toxicity Estimate.....>2000 mg/kg
 Product Acute Inhalation Toxicity EstimateNo data available
 Aspiration ToxicityNo data available
 Respiratory or Skin SensitizationNo data available
 Carcinogenicity.....No known significant effects or critical hazards
 Reproductive Toxicity.....No known significant effects or critical hazards
 MutagenicityNo known significant effects or critical hazards
 Teratogenicity.....No known significant effects or critical hazards
 Developmental EffectsNo known significant effects or critical hazards
 Specific Target Organ Toxicity (single exposure)No known significant effects or critical hazards
 Specific Target Organ Toxicity (repeated exposure).....No known significant effects or critical hazards
 Aspiration Hazard.....Hydrotreated Distillate,
 Middle Aspiration Hazard – Category 1

Toxicity Data for Ingredients

Ingredient	Test	Route	Result	Species
Hydrotreated Distillate, Middle	LD50	Oral	>5000 mg/kg	Rat
	LD50	Dermal	>2000 mg/kg	Rabbit
	LC50	Inhalation	>5 mg/L	Rat (aerosolized)
d-Limonene	LD50	Dermal	>5000 mg/kg	Rabbit
	LD50	Oral	4400 mg/kg	Rat

12. Ecological Information

Ecotoxicity

Product/Ingredient Name	Result	Species	Exposure
Naphtha (petroleum),hydrotreated heavy	Acute LC50 >8.2 mg/l	Fish – fathead minnow (Pimephales promelas)	96 hours
	Acute EC50 >4.5 mg/l	Crustacea – Water flea (Daphnia magna)	48 hours
	Acute EC50 3.1 mg/l	Algae-green algae (Selenastrum capricornutum)	96 hours
d-Limonene	Acute EC50 0.36 mg/l	Crustacea- water flea (Daphnia magna)	48 hours
	Acute LC50 0.7 mg/l	Fish - Fathead minnow	96 hours

Persistence and DegradabilityNo data available

Bioaccumulative PotentialNo data available

Mobility in SoilNo data available

Other Adverse EffectsNo known significant effects or critical hazards

13. Disposal

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and any local, provincial/state and federal regulations. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. Empty containers may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transportation information

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land Transport (TDG)

UN Number 1268

Proper Shipping Name PETROLEUM PRODUCTS, N.O.S.

Class 3

Packing Group III

Environmentally hazardous No

Sea Transport (IMDG/IMO)

UN Number 1268

Proper Shipping Name: PETROLEUM PRODUCTS, N.O.S.

Class 3

Packing Group III

Environmentally hazardous No

15. Regulatory Information

Canadian Domestic Substances List (DSL)All components of this product are listed or exempted.
United States TSCA InventoryAll components of this product are listed or exempted.
Hazardous Material Information SystemHealth: 2 Flammability: 2 Physical Hazards: 0
National Fire Protection AssociationHealth: 2 Flammability: 2 Instability: 0 Special Hazard: -

16. Other Information

Prepared byRegulatory Affairs. 1-877-744-0751

DateApril 02, 2025

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein. Final determination of the 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.

End of Safety Data Sheet