



SAFETY DATA SHEET

SPOR

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: SPOR
Date of Safety Data Sheet: January 27, 2020
Use of Preparation: Odour control.
Company Identification: Brodi Specialty Products Ltd.
3175 14th Ave., Unit 1
Markham, Ontario L3R 0H1

Company Emergency Telephone Number Emergency Phone: 1-877-744-0751

Transportation Emergency Telephone Number 1-877-744-0751

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA / WHMIS 2015 Hazards

Classification of substance or mixture

GHS-US/Canadian classification:

Flammable Liquid Category 3 H226

Skin Irritant Category 2 H315

Skin Sensitizer Category 1 H317

Eye Irritant Category 2B H320

Label Elements

GHS Labeling

Hazard Pictograms (GHS):



Signal Word (GHS): Warning.

Hazard Statements (GHS):

H226: Flammable liquid and vapor.

H315: Causes skin irritation.

H317: May cause allergic skin reaction.

H320: Causes eye irritation.

Precautionary Statements (GHS):

P210: Keep away from heat, sparks, open flames, and hot surfaces-No smoking.

P233: Keep container tightly closed.

P240: Ground/bond container

P241: Use explosion proof electrical/ ventilating/lighting equipment.

P243: Take all precautionary measures against static discharge.

P261: Avoid breathing mist or vapour.

P262: Do not get in eyes, on skin or on clothing.

P271: Use only outdoors or in well ventilated area.



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P272: Contaminated work clothing must not be allowed out of the workplace.

P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response Statements (GHS):

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

P333+ P313: If skin irritation or a rash occurs: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
2-Propanol	67-63-0	15-30	Flammable Liquids Category 2 - H225 Acute Toxicity Category 5 (Oral) - H303 Serious Eye Damage / Eye Irritation Category 2A - H319
Fragrance	Mixture	1-5	Flammable Liquids Category 3 - H226 Skin Corrosion / Irritation Category 2 - H315 Skin Sensitisation Category 1 - H317 STOT Single Exposure Respiratory Tract Irritation Category 3 - H335
Lauramine Oxide	1643-20-5	1-5	Skin Corrosion / Irritation Category 1B - H314 Serious Eye Damage / Eye Irritation Category 1 - H318

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists, get medical attention.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.
Notes to Physician:	Treatment based on judgment of attending physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Flood with water for extinguishing agent. CO ₂ , dry chemical, alcohol resistant foam
Unsuitable extinguishing media:	None known.
Special exposure hazards	Thermal decomposition releases irritating gases.



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Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.
Fire and explosion	Flammable. Not an explosive hazard.
Further information	Keep containers and surrounding cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately with absorbent and dispose of waste safely.

Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Information about fire and explosion protection:

Keep respiratory protective device available.

No special measures required.

Conditions for safe storage, including any incompatibilities:

Storage: Acids, Oxidizers, reducing agents.

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well-ventilated area.

Keep container tightly sealed.

Specific end use(s) No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Use local exhaust or dilution ventilation.

Hand protection: Chemical resistant gloves.



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Eye protection: Safety goggles or full- face shield if eye contact is possible.
Skin protection: Use body-covering impervious clothing.
Working hygiene: Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

Exposure Guidelines:

2-Propanol: ACGIH TLV (United States, 3/2012) TWA: 200 ppm 8 hours.
STEL: 400 ppm 15 minutes.
NIOSH REL (United States, 1/2013) TWA: 400 ppm 10 hours.
TWA: 980 mg/m³ 10 hours.
STEL: 500 ppm 15 minutes.
STEL: 1225 mg/m³ 15 minutes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid	Odour	Typical.
Appearance	Amber	Odour Threshold	No data available.
Colour	Water white.	Remarks/Method	
Property	Values		
pH	7.0	None known	
Melting/Freezing Point	No data available	None known	
Boiling Point/Range	No data available	None known	
Flash Point	24 C estimate.	None known	
Evaporation Rate	Similar	None known	
Flammability (solid, gas)	Flammable	None known	
Flammability Limit in Air:			
Upper Limit	No data available	None known	
Lower Limit	No data available	None known	
Vapour Pressure	No data available	None known	
Vapour density	No data available	None known	
Specific Gravity	1.104 g/cm ³		
Water Solubility	Soluble in water.	None known	
Solubility Other Solvents	No data available	None known	
Partition Coefficient:			
n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition	No data available	None known	
Temperature			
Kinematic Viscosity	No data available	None known	
Dynamic Viscosity	No data available	None known	
Explosive Properties	No data available	None known	
Oxidizing Properties	No data available	None known	
Other Properties:			
Softening Point	No data available		
VOC Content %	No data available		



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Particle Size No data available
Particle Size Distribution No data available

10. STABILITY AND REACTIVITY

Reactivity	Stable.
Chemical stability	Stable under recommended handling and storage conditions (see section 7).
Thermal decomposition/conditions to avoid:	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Extremely high or low temperatures. Avoid heat, sparks, open flames and other ignition sources.
Hazardous decomposition products	Carbon oxides (CO, CO ₂).
Materials to avoid	Reducing agents. Strong acids.
Hazardous polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Harmful if swallowed.

LD/LC50 values relevant for classification:

2-Propanol CAS# 67-63-0 :

LD50 (Oral) Rat 5045 mg/kg

LD50 (Dermal) Rabbit 12870 mg/kg

LC50 (Inhalation) Rat 73 mg/l/4h

On the skin: Causes drying of the skin.

On the eye: Causes pain and redness.

Respiratory or Skin Sensitization: Fragrance classified as skin sensitizer.

Additional toxicological information:

Carcinogenicity:

Chemical Name None

12. ECOLOGICAL INFORMATION

Toxicity:	Not classified
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available.
Other Adverse Effects	None known
Other Information:	All of the organic components of this product are readily biodegradable.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.



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14. TRANSPORTATION INFORMATION

Canadian TDG (Road & Rail): Regulated Material (Limited Quantity quantities of 1 litre or less can be shipped)

Proper Shipping Name: Flammable liquid N.O.S

Contains: Isopropyl Alcohol

Hazard Class: 3

ID Number: UN 1993

Packing Group: II



U.S. Department of Transportation (DOT): Regulated Material (Limited Quantity quantities of 1 litre or less can be shipped)

Proper Shipping Name: Flammable liquid N.O.S

Contains: Isopropyl Alcohol

Hazard Class: 3

ID Number: UN 1993

Packing Group: II



Water Transportation (IMO): Regulated Material (Limited Quantity quantities of 1 litre or less can be shipped)

Proper Shipping Name: Flammable liquid N.O.S

Contains: Isopropyl Alcohol

Hazard Class: 3

ID Number: UN 1993

Packing Group: II



Air Transportation (IATA): Regulated Material (Limited Quantity quantities of 1 litre or less can be shipped)

Proper Shipping Name: Flammable liquid N.O.S

Contains: Isopropyl Alcohol

Hazard Class: 3

ID Number: UN 1993

Packing Group: II



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15. REGULATORY INFORMATION

Occupational Health & Safety Regulations:

WHMIS Classification: Class D - Division 2B



OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-
PICCS	Complies
AICS	Complies

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

HMIS III Rating

Health:2 Hazard

Date: January 27, 2020

SDS: Brodi - SPOF



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Flammability: 2 Hazard
Physical: 0 Minimal Hazard
Personal Protection: B
SDS US (GHS HazCom 2012 and WHMIS 2015)

16. OTHER INFORMATION

Prepared By: Technical Department.

Issuing Date: June 7, 2017.

Revision Date: January 27, 2020

Revision Notes: Section 3 Composition / Information on Ingredients – Sodium-2-sodium sulfate removed and replaced by Lauramine Oxide.

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