



# Safety Data Sheet

## BRODI ODOUR CONTROL AIRBORNE MISTING ODOUR NEUTRALIZER

**Material No.:** Assorted Codes  
**Revision Date:** February 17, 2021

### 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Identification:**

**Product Name:** BRODI ODOUR CONTROL AIRBORNE MISTING ODOUR NEUTRALIZER

**Synonyms:** AirSolution RTU

**Chemical Family:** Mixture

**Application / Use:** Deodorizer

**Distributed By:** Brodi Specialty Products  
1-3175 14th Ave  
Markham, ON  
L3R 0H1  
**Prepared By:** Technical Services  
**Telephone number of preparer:** (416) 740-3900  
**24-Hour Emergency Telephone Number :** CANUTEC 613-996-6666

### 2. HAZARDS IDENTIFICATION

The product is not classified according to Directive 1999/45/EC and its amendments

Information pertaining to special dangers for human and environment:

**Adverse physicochemical effects:**

**Adverse human health effects and symptoms:**

**Eye Contact:** May irritate eyes in sensitive individuals.

**Skin Contact:** May cause skin irritation in sensitive individuals.

**Inhalation:** Vapor may be irritating to throat, lungs and pulmonary tract.

**Ingestion:** May cause nausea if swallowed.

**Adverse environmental effects:**

There is no known ecological information for this product.

**Other adverse hazards:**

There is no additional information for this product.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### HAZARDOUS COMPONENTS

Ingredients	EC Name	CAS#	EC #	Percentage (W/W)	Classification (DSD)	LD50s and LC50s Route & Species:
Isopropyl Alcohol	propan-2-ol	67-63-0	200-661-7	1 – 5 %	F; R10 - Xi; R36 - R67	LD50: 4,720 mg/kg (oral / rat) LC50: >12,000 ppm 8 / H (rat)
Polyoxyethylene sorbitan monooleate	Sorbitan monooleate, ethoxylated	9005-65-6	500-019-9	1 – 5 %	This substance is not listed in the Annex I of Regulation (EC) No 689/2008.	LD50: 38,500 mg/kg (oral / rat) LC50: N/A

**Notes:** See section 15 for details on R-phrases

### 4. FIRST AID MEASURES

**General Information:** Immediate medical attention is not required

**Eye Contact:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**Skin Contact:** Remove contaminated clothing and launder before reuse. Wash contaminated skin with mild soap and water for 15 minutes. Get medical attention if irritation persists.

**Inhalation:** Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

**Ingestion:** Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs



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**Notes to Physician:** Treat symptomatically

**Hazards:** Contact with eyes, skin and through inhalation

**Treatment:** No specific antidote. Treatment based on sound judgment of physician and individual reactions of patient.

## 5. FIRE FIGHTING MEASURES

**Flammable Properties:** Fire or intense heat may cause violent rupture of packages

**Suitable Extinguishing Media:** CO<sub>2</sub>, Dry Chemical, Universal - Type foam.

**Unsuitable Extinguishing Media:** Not available

**Hazardous Decomposition Materials (under fire conditions):** CO<sub>2</sub>, CO

**Specific Hazards Arising from the Chemical:** Thermal decomposition can lead to release of irritating gases and vapors

**Autoignition Temperature:** Not applicable.

**Flammable Limits in Air (%):** Not Available.

**Special Exposure Hazards:** Not Available.

**Special Protective Equipment:** In any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**NFPA Ratings for This Product Are:**

HEALTH 0, FLAMMABILITY 1, INSTABILITY 0, PERSONAL PROTECTION: "B".

**HMIS Ratings for This Product Are:**

HEALTH 0, FLAMMABILITY 1, PHYSICAL HAZARD 0, PERSONAL PROTECTION: Safety Glasses and Gloves

## 6. ACCIDENTAL RELEASE MEASURES

**Non-Flammable: Tested Using ISO 9038: 2002 Test for Sustained Combustibility of Liquids**

**Personal Precautionary Measures:** Wear appropriate protective equipment. Avoid contact with spilled or leaked material.

**Environmental Precautionary Measures (Large Spills):** Evacuate hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak if it is safe to do so. Prevent entry into sewers or streams, dike if needed. Larger amounts may be collected with a sorbent material and place in an appropriate waste disposal container.

**Procedure for Clean Up (Small spills):** Mop up with plenty of water, dilute with running water. May be treated with an absorbent material and placed in a tightly sealed container for proper disposal.

## 7. HANDLING AND STORAGE

**Handling:** **Advices on safe handling:** Avoid contact with eyes and skin. Use with adequate ventilation. Avoid breathing vapor

**Protective measures:**

**Technical Measures:**

**Measures to prevent aerosol and dust generation:** not applicable

**Measures required protecting the environment:** Keep containers tightly closed when not in use.

**Specific requirements or handling rules:** Wear gloves and goggles while mixing or pouring

**Precautions against fire and explosion:** Avoid excessive heat, sparks, open flame or smoking near product. Rinse empty containers to prevent vapor build up.

**Further information:** wash empty containers and skin thoroughly after handling

**Storage:** **Technical measures and storage conditions:** Store in tightly closed container. Keep away from heat, sparks, open flame, direct sunlight and all incompatibles

**Packaging materials:** Store in original containers

**Requirements for storage rooms and vessels:** Cool, dry area recommended

**Hints on storage assembly:** No further recommendations

**Storage class:** Not available

**Further information on storage conditions:** Local ventilation sufficient if well ventilated

**Specific uses (for end products):** Deodorization

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limit values:** **Occupational exposure limits:**

**Biological limit values:** Not available



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Exposure controls:	DNEL and PNEC-value(s) as applicable:	Not available
Personal protection equipment:	Occupational exposure controls:	Not available
	Technical measures to prevent exposure:	General ventilation.
	Respiratory Protection:	General Ventilation
	Hand protection:	Rubber Gloves
	Eye protection:	Safety goggles or glasses recommended in case of splashing.
	Skin protection:	Rubber Gloves. Minimize skin contact. Wash with soap and water before eating, drinking, smoking or using the toilet.
	Other Personal Protection Data:	Eye wash kit should be available.
Environmental exposure controls:	Water (incl. sewage plant):	Not applicable
	Air:	Not applicable
	Soil:	Not applicable

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear to cloudy, colored or colorless
Odor:	Aromatic odor
pH:	6.0-8.5 @ 25°C
Melting point/range (°C):	Not Available.
Boiling point/range (°C):	>100 °C
Flash point (°C):	>65°C
Flammability (solid, gas):	Not Applicable
Explosive properties:	Not Available.
Oxidizing properties:	Not Available.
Auto-Ignition temperature (°C):	Not Available.
Vapor pressure (°C):	Not Available.
Relative density (g/cm <sup>3</sup> ):	Not Applicable
Water solubility (20°C in g/l):	Complete
Partition coefficient n-Octanol/Water (log Po/w):	Not Available.
Viscosity, dynamic (mPa s):	Not Available.
Vapor density:	>1
Evaporation rate:	<1
Dust explosion hazard:	Not Applicable
Explosion limits:	Not Applicable
Substance groups relevant properties:	Not Available
Other information (where applicable like surface tension, miscibility, fat solubility, conductivity, gas group, etc):	
Not Available	
Specific Gravity:	0.99 – 1.01
% Volatile by Volume:	Not Available

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable.

**Hazardous Polymerization:** This product presents no significant reactivity hazard. Hazardous polymerization will not occur.

**Conditions to Avoid:** Keep away from heat, sparks and flame. Avoid hot work and sources of ignition on or near empty containers.

**Materials to Avoid:** Avoid strong oxidizing agents, acids and alkalis.

**Hazardous Decomposition Products:** CO<sub>2</sub>, CO.

**Additional Information:** No additional remark.

## 11. TOXICOLOGICAL INFORMATION

**Principle Routes of Exposure**

**Ingestion:** If ingested, may cause nausea, headache.

**Skin Contact:** Essentially non-irritating. Wash skin if splashed

**Inhalation:** Not available.

**Eye Contact:** Not available.



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**Sensitization:** Not available

**Repeated Dose Toxicity (sub-acute to chronic):** Not available

**Acute Test of Product:**

**Acute Oral LD50:** >20,000 mg/kg (calculated, oral/rat)

**Acute Dermal LD50:** Not Available

**Acute Inhalation LC50:** >12,000 ppm. 8/H (rat)

**Carcinogenicity Comment:** No additional information available.

**Reproductive Toxicity/Teratogenicity/Embryotoxicity/Mutagenicity:** Not Available.

### 12. ECOLOGICAL INFORMATION

**Aquatic toxicity Information:** Not Available.

Ingredients	Ecotoxicity - Fish Species Data	Acute Crustaceans Toxicity	Ecotoxicity - Freshwater Algae Data
Isopropyl Alcohol	LC50 (Pimephales promelas): 61,200mg/L	Not Available	EC50 (Scenedesmus subspicatus): 1000 mg/L
Polyoxyethylene sorbitan monooleate	Practically non-toxic in most sensitive species tested: LC50/EC50 >100mg/L. LC50, rainbow trout ( Oncorhynchus mykiss), static, 96 h: 400 mg/l	Aquatic Invertebrate Acute Toxicity: LC50, water flea Daphnia magna, static, 48 h: 342 mg/l.	Not Available

**Soil toxicity Information:**

Not available

**Air toxicity Information:**

Not available

**Mobility**

**Known or predicted distribution to environmental compartments:**

**Surface tension:** Not available

**Adsorption/Desorption**

**Soil-water:** Not Available.

**Water-air:** Not Available.

**Soil-air:** Not Available.

**Persistence and degradability**

**Abiotic Degradation (in sea-water, fresh-water, air, soil):** Not Available.

**Physical-and photo-chemical elimination (ozonolysis, oxidation, photo-oxidation, de-chlorination, photo-mineralization):** Not Available.

**Biodegradation:** Not Available.

**Bioaccumulative potential**

**Partition coefficient n-octanol /water (log KO/W):** Not Available.

**Bioconcentration factor (BCF):** Not Available.

**Longterm-Ecotoxicity:** Not Available.

**Results of PBT assessment:** Not Available.

**Other adverse effects (ozone depletion, photochemical ozone creation, endocrine disruption, global warming, etc):**

Will not deplete the ozone layer. Other data Not Available.

**Further ecological information (as applicable):**

No additional remark.

### 13. DISPOSAL CONSIDERATIONS

**Waste management measures (as applicable):**

Can be incinerated, when in compliance with local regulations.  
Can be disposed as waste water, when in compliance with local regulations. Can be landfilled when in compliance with local regulations.

**Appropriate disposal of packaging:**

Empty containers should be rinsed a minimum of three times and recycled or disposed of through an approved waste management facility.

**Additional information (including any national or regional provisions):** Not Available.

### 14. TRANSPORT INFORMATION

**Not Regulated**

**ICAO/IATA**

Not regulated as a hazardous material or dangerous good for transportation.

**IMO/IMDG**

Not regulated as a hazardous material or dangerous good for transportation.

**RID/ADR**

Not regulated as a hazardous material or dangerous good for transportation.

**Marine Pollutant:**

Not a pollutant



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### 15. REGULATORY INFORMATION

**Chemical Safety Assessment :** Not Available

**Labeling**

**Hazard symbols and hazard statements:**

**Hazard components for labeling:**

**R-Phrases:** None required

**S-Phrases:** S2: Keep out of the reach of children.

S3/7/9: Keep container tightly closed in a cool, well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable gloves and eye/face protection.

**Special provisions concerning the labeling of certain preparations:** Not available

**Authorization and/or restrictions on use:** Not available

**Other EU regulations:** Not available

**Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline):**

Not available

**National regulation Information:** Not available

### 16. OTHER INFORMATION

**Disclaimer:**

**NOTICE TO READER:**

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Do not use ingredient information and/or ingredient percentages in this SDS as a product specification. For product specification information refer to a Certificate of Analysis. These can be obtained from Brodi

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**Training instructions (as applicable):** not available

**Recommended restrictions on use (as applicable):** Not available

**Further information:**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

\*\*\*END OF SDS\*\*\*