

WINTER PINE DEODORANT

SECTION 1. IDENTIFICATION

Product Identifier	WINTER PINE DEODORANT
Other Means of Identification	ESTEAM WINTER PINE DEODORANT
Product Family	mixture
Recommended Use	Deodorizer.
Restrictions on Use	None known.
Manufacturer	Esteam Mfg Ltd, 3750 19th NE , Calgary , Alberta, T2E6V2, 403-291-7050, esteam.com
Emergency Phone No.	Canutec, 1-613-996-6666, 24 hr
Date of Preparation	May 16, 2017

SECTION 2. HAZARD IDENTIFICATION

Classification

Flammable liquid - Category 3

Label Elements



Signal Word:
Warning

Hazard Statement(s):
Flammable liquid and vapour.

Prevention:
Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.
Wear protective gloves/eye protection/face protection.

Response:
IF ON SKIN (or hair) Take off all contaminated clothing immediately, Rinse skin with water
In case of fire: Use dry chemical powder to extinguish.

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Isopropanol	67-63-0	5-10		
Alcohols, C6-12, ethoxylated, liquids	68439-45-2	1-3		

Notes

*The exact percentage (concentrations) of the substance in the mixture has been withheld as a trade secret

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Rinse with lukewarm, gently flowing water for 5 minutes.

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open.

Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

Immediate Medical Attention and Special Treatment

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

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

Specific Hazards Arising from the Product

See Section 9 (Physical and Chemical Properties) for flash point and explosive limits.

Special Protective Equipment and Precautions for Fire-fighters

As in any fire, wear self-contained breathing apparatus and protective suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

Concentrated product: dike spilled product to prevent runoff. Contain and soak up spill with absorbent that does not react with spilled product.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

No special handling precautions are necessary.

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Conditions for Safe Storage

Keep container tightly closed. Store in cool dry place. Keep out of reach of children.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Not available.

ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value. TWA = Time-Weighted Average. STEL = Short-term Exposure Limit.

Appropriate Engineering Controls

General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

Not required, if used as directed.

Respiratory Protection

Respirator not required, general ventilation is usually adequate.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Green liquid.
Odour	Pine tree
Odour Threshold	Not available
pH	7.3
Melting Point/Freezing Point	0 °C (32 °F) (freezing)
Initial Boiling Point/Range	Not available
Flash Point	51 °C (124 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable (liquid).
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	0.7875
Solubility	completely in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (dynamic)
Other Information	
Physical State	Liquid
Critical Temperature	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive.

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Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Prolonged exposure to high temperatures.

Incompatible Materials

Can react with strong oxidizers.

Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute Toxicity**

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Alcohols, C6-12, ethoxylated, liquids		> 2000 mg/kg (rat)	1000 mg/kg (rabbit)
Isopropanol	73 mg/L (rat) (4-hour exposure)	5045 mg/kg (rat)	12870 mg/kg (rabbit)

Skin Corrosion/Irritation

Not a skin irritant.

Serious Eye Damage/Irritation

May cause very mild irritation based on information for closely related chemicals.

STOT (Specific Target Organ Toxicity) - Single Exposure**Inhalation**

Not harmful.

Skin Absorption

Not harmful.

Ingestion

Not harmful.

Aspiration Hazard

Not known to be 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

Not a carcinogen.

Reproductive Toxicity**Development of Offspring**

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

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SECTION 12. ECOLOGICAL INFORMATION

Persistence and Degradability

Readily Biodegradable.

Bioaccumulative Potential

This product and its degradation products are not expected to bioaccumulate.

Mobility in Soil

Studies are not available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user.

SECTION 14. TRANSPORT INFORMATION

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

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

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

All ingredients are listed on the DSL or are not required to be listed.

USA

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

All ingredients are listed on the TSCA Inventory.

SECTION 16. OTHER INFORMATION

SDS Prepared By Product safety manager

Phone No. 403-291-7050

Date of Preparation May 16, 2017

References CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). Raw ingredient SDS's.

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