

## SAFETY DATA SHEET

# INOCBLOC® ORGANIC PRUNE 'N' PASTE

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

#### 1.1 Identifiers

Product name: **INOCBLOC® ORGANIC PRUNE'N'PASTE**  
Other Name(s): Pine Tar

#### 1.2 Recommended use of the chemical and restrictions on use

Product Use: Paint-on easy to apply pine based product that provides an effective natural barrier against fungal and bacterial diseases.

#### 1.3 Supplier contact details:

Company name: Grosafe Chemicals Limited  
Address: 20 Jean Batten Drive Mt Maunganui, 3116  
Telephone: 0800 220 002  
Email: [info@grosafe.co.nz](mailto:info@grosafe.co.nz)

**Emergency telephone number (24 hour)** 0800 CHEMCALL (0800 243 622)

### SECTION 2: HAZARD IDENTIFICATION

#### 2.1 Classification of the substance

Classified as hazardous according to criteria in the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

HSNO Approval: HSR002657

**Hazard Classifications:** Flammable Liquid, Category 4, Hazardous to the aquatic environment chronic Category 3.

#### 2.2 Label elements:

**Signal Word:** WARNING

#### Hazard statements:

H227 Combustible liquid  
H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements:

##### *Prevention*

P102 Keep out of reach of children.  
P103 Read label before use.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 Do not breathe dust, fumes, mist or vapours.  
P264 Wash hands thoroughly after handling.  
P273 Avoid unintended release into the environment.

*Response*

P391 Collect spillage.  
 P370 + P378 In case of fire: Use carbon dioxide, dry chemical, foam or water spray (fog) for extinction.

*Storage*

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*Disposal*

P501 Dispose of contents/container in accordance with local regulations.

**Additional labelling statements required under Hazardous Substances (Labelling) Notice 2017**

Do not apply directly into or onto water.

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	CAS	Proportion %w/w
Pine Tar	8011-48-1	90-95
Ethanol	64-17-5	1-5
Other ingredients that do not contribute to the hazard classifications of this product	-	Balance

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures****General Information:**

For advice, call NATIONAL POISONS CENTRE (0800 POISON) for advice. Have produce container or label at hand.

**IF SWALLOWED:** Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a POISON CENTRE or doctor if you feel unwell.

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops, get medical advice.

**IF INHALED:** Remove person to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop seek medical attention.

**Medical attention and special treatment:**

Treat symptomatically. No symptoms relating to exposure are expected.

**SECTION 5: FIRE FIGHTING MEASURES****5.1 Suitable extinguishing media**

Carbon dioxide, dry chemical, foam, water spray jet. Unsuitable extinguishing media: Full water jet.

**5.2 Hazards from Combustion Products**

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide, Carbon dioxide, pyrolysis products, toxic.

**5.3 Specific hazards arising from this chemical**

Choose extinguishing media to suit the burning material. If waterfog or fine water spray is used ensure all runoff is contained.

**5.4 Precautions in connection with fire**

Isolate fire area. Evacuate downwind. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk to of exposure to vapour or smoke. Keep containers cool by spraying with water. Do not breathe or contact smoke, gases or vapours generated. Contain all runoff.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Have this SDS available. In the event of an accidental spill, wear full protective clothing including respiratory, gloves and eye/face protection. Wash contaminated personal protective equipment and clothing, and dry before re-use.

### 6.2 Environmental precautions

Prevent spillage from entering drains or waterways. If contamination of drains, streams, watercourses, etc. is unavoidable, advise the local water authority.

### 6.3 Methods and materials for containment and cleaning up

Contain spilled material. For small liquid spills, use absorbent material such as sand, soil, vermiculite and recover into labelled drums that can be sealed for safe disposal. For large liquid spills, recover liquid into labelled containers then absorb remaining liquid and transfer to drums for disposal. Clean area with water and detergent. Dispose of contaminated materials to approved landfill in accordance with local regulations.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Read the product label before use. Wear protective eye protection/face protection, protective gloves and protective clothing. Wash hands and any exposed skin thoroughly after handling. Do not apply directly into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

### 7.2 Conditions for safe storage

Store in the tightly closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. DO NOT store near feedstuffs, fertilisers or seed.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1 Occupational exposure limit values

No exposure limit established

### 8.2 Biological limit values

No exposure limits allocated.

### 8.3 Engineering controls

Use in ventilated areas only. Use local exhaust at all process locations. Ventilate all transport vehicles prior to unloading. Keep containers closed when not in use. Refer to relevant regulations for further information concerning ventilation requirements.

### 8.4 Personal protective equipment (PPE)

The following Standards provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

**Eye/Face Protection:** Wear protective glasses, goggles or face shield when mixing or applying product.

**Skin Protection:** Wear impervious gloves, coat, trousers, waterproof hat. Ensure all skin areas are covered.

**Respirator:** Where product is being sprayed and a mist could be produced, a respirator should be worn. It should be fitted with a cartridge suitable for agricultural chemicals.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark Brown liquid
Odour	Characteristic
Odour threshold	Not available
pH	Not available
Melting/Freezing Point	Not available
Boiling Point /Range	Not available
Flash point	> 70°C
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	Not available
Vapour Pressure	Not available
Vapour density	Not available
Specific gravity	1.2 g/L
Solubility	Insoluble
Partition Co-efficient n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity	Viscous
Particle characteristics	No data

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity and stability

Stable under normal conditions of storage and handling.

### 10.2 Conditions to Avoid

Do not store for prolonged periods in direct sunlight.

### 10.3 Incompatible materials

Explosives (class 1), oxidising gases, oxidising liquids, oxidising solids, strong alkalines.

### 10.4 Hazardous decomposition products

No hazardous decomposition products are known when handled according to provisions.

### 10.5 Possibility of hazardous reactions

No information available.

### 10.6 Hazardous Polymerisation

No information available.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Health hazard information

The product is classified for health hazards according to an assessment of information on product components.

### 11.2 Toxicological information

<b>Acute toxicity:</b>	Not classified.
<b>Aspiration hazard:</b>	Not classified.
<b>Respiratory irritation:</b>	Not classified.
<b>Skin corrosion/irritation</b>	Not classified.

<b>Serious eye damage/irritation</b>	Not classified.
<b>Respiratory or skin sensitisation</b>	Not classified
<b>Germ cell mutagenicity:</b>	No ingredients in product identified as presumed or suspected mutagens.
<b>Carcinogenicity</b>	No ingredients in product identified as presumed or suspected carcinogens.
<b>Reproductive toxicity</b>	No ingredients in product identified suspected of damaging fertility or the unborn child.
<b>Specific target organ toxicity – single/repeated exposure</b>	Not classified.
<b>Narcotic effects</b>	Product contains no ingredient identified as causing narcotic effects.

### 11.3 Toxicological data

No data for formulated product. The following data is for the active ingredient, Pine Tar.

Acute oral LD50: >2000mg/kg in the rat

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

This product is classified as Hazardous to the aquatic environment chronic Category 3;  
No data available for formulated product. The following data is for the active ingredient, pine tar.

**Aquatic life** : LC50 (96 hr) for rainbow trout is 45 mg/L. EC50 (48hr) for Daphnia magna is 28mg/L. Algae EC<sub>50</sub> (72hr) 17mg/L.

### 12.2 Persistence and degradability

Not biodegradable.

### 12.3 Mobility

No data available.

### 12.4 Bioaccumulative Potential

No data available.

### 12.5 Other adverse effects

No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Product Disposal

Dispose of this product only by using according to the label, or through a Chemical Recovery service or other licensed hazardous waste disposal facility.

### 13.2 Container Disposal

Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery® depot for recycling. Alternatively, puncture and dispose of at an approved landfill.

### 13.3 Precautions

Do not allow product or empty container to enter waterways.

### 13.4 Disposal methods to avoid

Do not burn empty container. Do not allow product or empty container to enter waterways.

## SECTION 14: TRANSPORT INFORMATION

Road and Rail Transport:

Not classified as Dangerous Goods for the transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

**Marine Transport (IMO/IMDG):**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**Air Transport (ICAO/IATA):**

Not classified as Dangerous Good by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulation for transport by air.

**UN Number:** Not regulated

**UN Proper Shipping Name:** -

**Transport hazard class(es)** -

**Packing Group:** -

**Special Precautions for User:** -

**IMDG Marine pollutant:** -

**Transport in Bulk:** -

## SECTION 15: REGULATORY INFORMATION

Classified as hazardous according to criteria in the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

**Approval number:** HSR002657

**Hazardous classifications:** Flammable Liquid, Category 4, Hazardous to the aquatic environment chronic Category 3.

**HSW (HS) Regulations 2017** **Trigger Quantity**

**Certified Handler** Not required

**Location Certificate** Not required

**Signage Trigger Quantity (Schedule 3)** 1000kg

**Emergency Response Plan (Schedule 5)** 1000kg

**Secondary Containment (Schedule 16)** 1000kg

**Tracking (Schedule 26)** Not required

**Tolerable Exposure Level (TEL)** None set

**Environmental Exposure Level (EEL)** None set

**International Agreements** Not applicable

**Additional information:** Refer to HS Notices ([www.epa.govt.nz](http://www.epa.govt.nz)) and HSW HS Regulations ([www.worksafe.govt.nz](http://www.worksafe.govt.nz))

**ACVM registration:** Exempt from registration

## SECTION 16: OTHER INFORMATION

### 16.1 Date of preparation or last revision of SDS

**SDS issued** 21 August 2024

**SDS supersedes** 22 June 2019

**Reason issued** GHS Update

### 16.2 ABBREVIATIONS

**ADI** Acceptable Daily Intakes

**CAS number** Chemical Abstracts Service Registry Number

<b>CCID</b>	Chemical Classification Identification Database
<b>EPA</b>	Environmental Protection Authority
<b>ErC<sub>50</sub></b>	Half maximal Effective Concentration
<b>GHS</b>	Globally Harmonized System of Classification and Labelling of Chemicals
<b>Hazchem Code</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>HSNO</b>	Hazardous Substances and New Organisms
<b>HS</b>	Health and Safety
<b>HSR</b>	Hazardous Substances Register
<b>IARC</b>	International Agency for Research on Cancer
<b>LC<sub>50</sub></b>	Median Lethal Concentration
<b>LD<sub>50</sub></b>	Median Lethal Dose
<b>SDS</b>	Safety Data Sheets
<b>NOAEL</b>	No Observable Adverse Effect Level
<b>NOEL</b>	No Observable Effect Level
<b>NOS</b>	Not otherwise specified
<b>STEL</b>	Short Term Exposure Limit
<b>SWA</b>	Safety Work Australia
<b>TWA</b>	Time-Weighted Average
<b>UN Number</b>	United Nations Number

### 16.3 REFERENCES

Manufacturer information  
 EPA CCID and Approved Substance databases  
 University of Hertfordshire Pesticides Properties Database

### 16.4 OTHER

InocBloc® is a registered trademark of Grosafe Chemicals Ltd

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End of Safety Data Sheet