

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

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

-

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_x), 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

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

Serious eye damage/irritation	Not classified.
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity:	No ingredients in product identified as presumed or suspected mutagens.
Carcinogenicity	No ingredients in product identified as presumed or suspected carcinogens.
Reproductive toxicity	No ingredients in product identified suspected of damaging fertility or the unborn child.
Specific target organ toxicity – single/repeated exposure	Not classified.
Narcotic effects	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 EC₅₀ (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) and HSW HS Regulations (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

CCID	Chemical Classification Identification Database
EPA	Environmental Protection Authority
ErC₅₀	Half maximal Effective Concentration
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
HSNO	Hazardous Substances and New Organisms
HS	Health and Safety
HSR	Hazardous Substances Register
IARC	International Agency for Research on Cancer
LC₅₀	Median Lethal Concentration
LD₅₀	Median Lethal Dose
SDS	Safety Data Sheets
NOAEL	No Observable Adverse Effect Level
NOEL	No Observable Effect Level
NOS	Not otherwise specified
STEL	Short Term Exposure Limit
SWA	Safety Work Australia
TWA	Time-Weighted Average
UN Number	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

Information contained in this Safety Data Sheet is provided in good faith and is believed to be correct at the date hereof. However, it's expected that individuals receiving the information will exercise independent judgement in determining its appropriateness for a particular purpose. Grosafe Chemicals Ltd makes no representation whatsoever as to the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability whatsoever, whether with respect to negligence or otherwise, and no responsibility as permitted by law for any loss or damage arising from or connection with the supply or use of the information in this Safety Data Sheet.

End of Safety Data Sheet