

Date of issue: 14 March 2024
 Revised by: Simonne Moses - HSNO Consultant SDS No: 2

Safety Data Sheet

FIL STOCKHOLM TAR

Classified as: Hazardous according to the EPA Hazardous Substances
 (Hazard Classifications) Notice 2020.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Product Name: FIL Stockholm Tar

Supplier: FIL is a wholly owned subsidiary of
 GEA Farm Technologies New Zealand Ltd

Address: 72 Portside Drive
 Mt Maunganui 3116
 New Zealand

Phone: +64 7 575 2162

Website: www.fil.co.nz

Recommended Use: Animal wound dressing, preservative, softener in
 plastics, paint, and varnish ingredient

In Case of Emergency Contact:

CHEMCALL: 0800 CHEMCALL (243 622)

Section 2: HAZARDS IDENTIFICATION

Not classified as a Dangerous Good for Transport.

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

HSNO APPROVAL NUMBER: **HSR002490**

HSNO CLASSIFICATIONS: 3.1D – Flammable liquid (low hazard)
 6.1D – Acutely toxic, oral
 6.1D – Acutely toxic, dermal
 6.1D – Acutely toxic, inhalation
 6.3A – Skin irritant
 6.4A – Irritating to eyes
 6.5B – Skin sensitiser
 9.1C – Harmful in the aquatic environment, chronic

GHS Classification: Flammable liquid – Category 4
 Acute toxicity, oral – Category 4
 Acute toxicity, dermal – Category 4
 Acute toxicity, inhalation – Category 4
 Skin irritation – Category 2
 Eye irritation – Category 2
 Skin sensitisation – Category 1
 Hazardous in the aquatic environment, chronic – Category 3

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Hazard Statements:

H227 Combustible liquid
H302 Harmful if swallowed
H312 Harmful in contact with skin
H332 Harmful if inhaled
H315 Causes skin irritation
H319 Causes serious eye irritation
H317 May cause an allergic skin reaction
H412 Harmful to aquatic life with long-lasting effects

GHS Pictograms:**WARNING****PREVENTION STATEMENTS:**

P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from flames and hot surfaces. No smoking.
P261 Avoid breathing vapours.
P264 Wash hands and exposed skin thoroughly after handling.
P270 Do not eat, drink, or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, and eye/face protection.

RESPONSE STATEMENTS:

P101 If medical advice is needed, have product label or container at hand.
P370 + P378 IN case of fire: Use water fog or spray, foam, or dry powder to extinguish.
P301 + P312 IF SWALLOWED: Call POISON CENTRE or doctor if you feel unwell.
P330 Rinse mouth.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P362+P364: Take off contaminated clothing and wash it before reuse.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P337+P313 If skin irritation or rash occurs, or if eye irritation persists: Get medical advice/attention.
P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTRE or doctor if you feel unwell.
P321 <No specific treatment required>

STORAGE:

P403 Store in a well-ventilated place.

DISPOSAL:

P501 - In accordance with the EPA Hazardous Substances (Disposal) Notice 2017. Dispose of via an approved waste disposal contractor. Refer to Section 13 of the SDS.

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Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Single substance: Additive

Main Component	CAS Number	Concentration (%wt)
Pine tar	8011-48-1	100%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST AID MEASURES

Workplace Facilities Required: Eye wash and safety shower facilities should be provided.

If Inhaled: Remove to fresh air. Seek medical attention if symptoms persist or you feel unwell.

In Contact with Eye: Hold eyes open, flush continuously with water for at least 15 minutes. Seek medical attention if irritation develops and persists.

In Contact with Skin: Remove contaminated clothing. Wash skin with plenty of water. Seek medical attention if skin irritation develops and persists. Wash clothing before reuse.

If Swallowed: DO NOT INDUCE VOMITING. Rinse mouth. Give small quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms develop and persist. If vomiting occurs, keep head below hips to prevent aspiration to lungs.

Advice to Doctor: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Combustible liquid. Keep away from flames, hot surfaces, sparks. Remove containers from path of fire if possible and safe to do so. Cool fire exposed containers with water spray.

Suitable Extinguishing Media: Use water fog or spray, foam, or dry powder.

Precautions in Connection with Fire: May give off choking fumes in a fire.

Advice for firefighters: Wear full firefighting gear and self-contained breathing apparatus.

Section 6: ACCIDENTAL RELEASE MEASURES

An emergency response plan meeting the requirements of Part 5 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 is required when held in quantities greater than 1,000L.

Precautions: Clear area of all unprotected personnel. Keep unnecessary and unprotected personnel from entering area. Remove any sources of ignition. Avoid release to the environment.

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Suitable Protective Equipment: Emergency responders should use personal protective equipment, including gloves, protective clothing, and safety glasses. Respiratory protection may be required if there is inadequate ventilation.

Spill or Leak Procedures. Absorb the spill with suitable inert absorbent material (sand, earth) and collect into a properly labelled waste container for disposal.

Waste Disposal Methods: Dispose of as per Section 13.

Emergency preparation: Ensure there is appropriate and adequate personal protective equipment, trained personnel and clean up materials for management of accidental release.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin and eyes. Do not eat drink or smoke when using this product. Remove contaminated clothing and wash hands and face before entering eating areas.

Storage: Keep out of reach of children. Store in a closed container in a well-ventilated area. Keep away from heat and direct sunlight.

Site Storage Requirements: Site Signage will be required when quantities exceed 1,000L.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards NZ: No Workplace Exposure Standards have been established for this product.

Engineering Controls: Eyewash facilities and safety showers should be provided in the work area where there is a risk of exposure to eyes and skin. Natural ventilation should be adequate under normal conditions of use.

Personal Protective Equipment: Observe good chemical hygiene practice.

Hand protection: Wear protective gloves that are resistant to the product, e.g., PVC. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.

Skin and body protection: Protective clothing is recommended if handling large quantities. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.

Eye protection: Use safety glasses with side shields or chemical goggles to protect eyes. Refer to AS/NZS 1336 for suitable eye and face protection.

Respiratory protection: If ventilation is inadequate use a respirator fitted with an organic vapour cartridge. Refer to AS/NZS 1715 and AS/NZS 1716 for suitable respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other information: PPE selected must be impervious to the substance. Do not eat, smoke, or drink where material is handled, processed, or stored. Wash hands carefully before eating, drinking, or smoking. Handle in accordance with safe industrial hygiene practices.

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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Viscous liquid	Colour:	Black/brown
Odour:	Pine	Odour Threshold:	Not applicable
pH:	Not available	Solubility:	Slightly soluble in water. Miscible with vegetable turpentine.
Melting/Freezing Point:	Not available	Boiling Point:	240-400°C
Flash Point:	>61°C	Flammability:	Combustible
Upper/Lower Flammability Limits:	Not available	Vapour Pressure:	Not available
Vapour Density:	Not available	Relative Density:	1.05
Partition Coefficient:	Not available	Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available	Kinematic Viscosity:	Not available
Particle Characteristics:	Not applicable		

Section 10: STABILITY AND REACTIVITY

Stability:	Stable under normal storage conditions.
Reactivity:	No dangerous reactions known.
Conditions to Avoid:	Avoid flames, hot surfaces. Avoid formation of vapours.
Incompatibility:	Keep away from strong oxidisers.
Hazardous Decomposition:	Thermal decomposition may result in toxic, choking fumes.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity:	LD50 oral > 300 - ≤ 2000 mg/kg. LD50 dermal > 1000 - ≤ 2000 mg/kg LC ₅₀ inhalation (vapours) > 10.0 - ≤ 20.0 mg/L
Inhalation:	Harmful if inhaled. May irritate mucous membranes and nasal passage.
Ingestion:	Harmful if swallowed. May cause gastrointestinal upset, nausea, vomiting, diarrhoea.
Skin Corrosion/Irritation:	Not a skin corrosive. Skin irritant causing redness, itching, rash. Harmful in contact with skin and may be absorbed through skin.
Serious Eye Damage/Eye Irritation:	Not an eye corrosive. Eye irritant. May cause redness, pain, weeping.
Respiratory or Skin Sensitisation:	Not expected to be a respiratory sensitiser. Product is a contact sensitiser. May cause an allergic skin reaction.

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Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant No chronic toxicity effects expected.

Specific Target Organ Toxicity Single Exposure: No information available. No known effects.

Specific Target Organ Toxicity Repeated Exposure: No information available. No known effects.

Aspiration Hazard: No information available. Not expected to be an aspiration hazard.

Toxicity data is based on hazardous ingredient information and information in the European Chemical Agencies Database.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic life with long-lasting effects.

LC/EC₅₀ >10 – 100 mg/L

Persistence/degradability: No information available.

Bioaccumulation: No information available.

Mobility in soil: No information available.

Other adverse effects: None identified.

Ingredients with Ecotoxic classifications: Pine tar has been classified as harmful to aquatic life with long lasting effects by the majority of notifiers to the European Chemical Agencies Database.

Ecotoxicity data is based on information in the European Chemical Agencies Database.

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Recycle and reuse wherever possible. Dispose of waste product via an approved waste disposal contractor. Do not release to waterways, drains, or sewers.

Disposal of Packaging: Dispose of packaging via an approved waste disposal contractor.

Avoid contamination of natural water supplies with the product or empty container.

Section 14: TRANSPORT INFORMATION

Not classified as a Dangerous Good for transport in accordance with NZS5433:2020, IMDG or IATA.

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

Group Standard Allocation: Additives, process chemicals and raw materials (Combustible) Group Standard 2020

HSNO Approval Code: HSR002490

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 Eye irritation – Category 2
 Skin sensitisation – Category 1
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NZ Inventory of Chemicals: All ingredients are listed in the NZ Inventory of Chemicals.

This substance triggers:	Compliance Certificate	N/A
	Certified Handler	N/A
	Emergency Response Plan	1000L
	Secondary Containment	1000L
	Signage	1000L
	Fire Extinguishers	2 required for 500L or more

This substance is not required to be Tracked. All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance.

Section 16: OTHER INFORMATION

The information provided in this Safety Data Sheet relates only to the specific material designated herein. This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

This substance is approved under HSNO for use as an additive. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 14/03/2024
 Supersedes: 6/08/2019
 Reason for Revision: 5-year review and update.

References:

- EPA NZ Inventory of Chemicals
- European Chemical Classification Database
- EPA Guide: Guide to Classifying Hazardous Substances in New Zealand, Version 1

Summary of Abbreviations: EPA – Environmental Protection Authority
 GHS – Global Harmonisation System
 CAS – Chemical Abstracts Service

END OF SAFETY DATA SHEET