
According to Regulation (EC) No. 1907/2006

Version 00 Revision Date: 12/05/2021

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: Post Maggot Oil
Product Number(s): G60229 5L

1.2 Intended use of Product

A liquid emollient-based oil for application to sheep post flystrike attack.

1.3 Details of the supplier of the safety data sheet

Hygeia Chemicals Limited, Carrowmoneash, Oranmore, Co. Galway
Tel: 091-794722 Fax: 091-794738 email: services@hygeia.ie

1.4 Emergency telephone number

National Poisons Information Centre (Tel: 01-8379964) (Fax: 01-8368476)

Section 2: Hazards Identification

2.1 Classification according to Regulation (EC) 1272/2008 [EU-GHS/CLP]

Considered a dangerous mixture according to directive 1999/45/EC, Reg. (EC) No 1272/2008 (if applicable) and their amendments. Not classified as Dangerous Goods for transport purposes.

Classification according to regulation EC No: 1272/2008(CLP): Aspiration Hazard Category 1

2.2 Label Elements

Labelling according to Regulation (EC) No 1272/2008 (CLP):



Signal words:

Danger

Hazard statements:

H304 - May be fatal if swallowed and enters airways

P331 - Do NOT induce vomiting

P301 & P310 -

IF SWALLOWED: Immediately call a POISON CENTER/doct or/physician/first aider

Precautionary statements:

P1 01: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P405: Store locked up.

P501: Dispose of contents/container in a safe way.

2.3 Other hazards

REACH - Art.5759: The mixture does not contain Substances of Very High Concern (SVHC) at the SDS print date

Section 3: Composition/information on Ingredients**3.1 Substances**

See 'Composition on ingredients' in Section 3.2

3.2 Mixtures

Name	No.	Classification	% Wt.
White mineral oil (petroleum)	CAS No: 8042-47-5 EINECS: 232-455-8 Reach No: 01-2119487078-27-0013	Aspiration Hazard Category 1; H304	96%
Citronellol	CAS No: 106-22-9 EINECS: 203-375-0 Reach No: 01-2119453995-23	Skin Irrit. 2: H315 Skin Sen 1: H317 Aquatic Chronic 2: H411	2%
Eucalyptol	CAS No: 470-82-6 EINECS: 207-431-5	Skin Sen 1: H317	2%

Section 4: First Aid Measures**4.1 Description of First Aid Measures****If inhaled:**

If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary

In case of Skin Contact:

Flush skin and hair with running water (and soap if available).
Seek medical attention in event of irritation

In case of Eye Contact:

Wash out immediately with water.

If irritation continues, seek medical attention.

Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

If Swallowed (Ingestion):

Immediately give a glass of water.

First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Firefighting Measures

5.1 Extinguishing media

Foam.

Dry chemical powder.

BCF (where regulations permit).

Carbon dioxide.

Water spray or fog - Large fires only

5.2 Special hazards arising from the substance or mixture

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

5.3 Advice for firefighters

Alert Fire Brigade and tell them location and nature of hazard.

Wear full body protective clothing with breathing apparatus.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

See section 8.

6.2 Environmental precautions

See section 12.

6.3 Methods and material for containment and cleaning up

Remove all ignition sources.

Clean up all spills immediately.

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Avoid breathing vapours and contact with skin and eyes.
Control personal contact with the substance, by using protective equipment.
Contain and absorb spill with sand, earth, inert material or vermiculite.
Wipe up.
Place in a suitable, labelled container for waste disposal.

6.4 Reference to other sections

For personal protection see Section 8

Section 7: Handling and Storage

7.1 Precautions for safe handling

Advice on Safe Handling:

Avoid all personal contact, including inhalation.
Wear protective clothing when risk of exposure occurs.
Use in a well-ventilated area.
Prevent concentration in hollows and sumps.
DO NOT enter confined spaces until atmosphere has been checked.
Avoid smoking, naked lights or ignition sources.
Avoid contact with incompatible materials.
when handling, **DO NOT** eat, drink or smoke.
Keep containers securely sealed when not in use.
Avoid physical damage to containers.
Always wash hands with soap and water after handling.
Work clothes should be laundered separately.
Use good occupational work practice.
Observe manufacturer's storage and handling recommendations contained within this MSDS.
Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions.

Advice on Protection against Fire and Explosion: See section 5.

Fire and Explosion:

7.2 Conditions for safe storage, including any incompatibilities.

Suitable Container: Metal can or drum.

Packaging as recommended by manufacturer.

Check all containers are clearly labelled and free from leaks.

Storage Incompatibility: Avoid reaction with oxidising agents.

7.3 Specific end use(s)

See section 1.2.

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

DNEL : Not available

PNEC : Not available

8.2 Exposure Controls

Personal Protective Equipment:

Eye and face protection: Safety glasses with side shields
Chemical goggles.

Skin protection: Wear general protective gloves, eg. light weight rubber gloves.

Respiratory Protection: Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent).

Environmental Exposure Controls

General Advice: Do not empty into drains. Retain and dispose of contaminated wash water.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Colourless, transparent, oily liquid
Colour:	Colourless
Odour:	None
Density, kg/m³ at 20°C	810-890 - ASTM D 1298
Melting Point/Range:	Not applicable
Boiling Point/Range:	Not applicable
Flash Point:	>112 °C - ASTM D 92
Evaporation Rate:	Not applicable
Flammability (solid/gas):	Not applicable
Lower Explosion Limit:	Not applicable
Upper Explosion Limit:	No data available
Vapour Pressure:	<0.1
Relative Vapour Density:	Not applicable
Water Solubility:	Immiscible
Partition Coefficient: (n-Octanol/Water)	Not applicable
Viscosity (cSt)	3 - 20,5 mm ² /s at 40°C - ASTM D 445
Viscosity, Kinematic:	Not applicable
Explosive Properties:	Not explosive
Oxidizing Properties:	Not considered an oxidizing substance.

9.2 Other information
Not Available

Section 10: Stability and Reactivity

10.1 Reactivity

See section 7.2.

10.2 Chemical stability

Product is considered stable and hazardous polymerization will not occur.

10.3 Possibility of hazardous reactions

See section 7.2.

10.4 Conditions to avoid

See section 7.2.

10.5 Incompatible materials

See section 7.2.

10.6 Hazardous decomposition products

See section 5.2 .

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity _____			
oral	LD50 > 5000mg/kg bw	rat	OECD Guideline 401
inhalation	LD50 > 5000mg/kg (4h)	rat	OECD guideline 403
dermal	LD50 > 2000mg/kg bw	rabbit	OECD Guideline 402
Skin irritation / corrosion _____			
dermal	not irritating (24 and 72 h)	rabbit	OECD Guideline 404
Eye irritation _____			
eye	not irritating (24 and 72 h)	rabbit	OECD Guideline 405
Sensitisation			

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Skin	not sensitising (24 and 72 h)	guinea pig	OECD Guideline 406
Chronical Toxicity (STOT)			
single exposure	Not Available		
repeated exposure	Not Available		
Genetic			
in Vitro	not found to be toxic	Ames test	OECD Guideline 471
Carcinogenicity			
dermal	not carcinogenic.	mouse	OECD Guideline 453
Toxicity to reproduction			
oral	NOAEL > 2000 mg/kg/day	rat	OECD Guideline 415

Section 12: Ecological Information

12.1. Toxicity

12.2. Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
	No Data available for all ingredients	No Data available for all ingredients

12.3. Bioaccumulative potential

Ingredient	Bioaccumulation
	No Data available for all ingredients

12.4 Mobility in Soil

No Data available for all ingredients

12.5. Results of PBT and vPvB assessment

	P	B	T
Relevant available data	Not Available	Not Available	Not Available
PBT Criteria fulfilled?	Not Available	Not Available	Not Available

12.6. Other adverse effects

No data available

Section 13: Disposal Considerations

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product / Packaging disposal	<p>Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.</p> <p>A Hierarchy of Controls seems to be common - the user should investigate:</p> <ul style="list-style-type: none"> ▸ Reduction ▸ Reuse ▸ Recycling ▸ Disposal (if all else fails) <p>This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. Shelf life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.</p>
Waste treatment options	Not Available
Sewage disposal options	Not Available

Section 14: Transport Information

Labels Required

Marine Pollutant	NO
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Land transport (Not Applicable): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Inland waterways transport (ADN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

Not Applicable

Section 15: Regulatory Information

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

WHITE MINERAL OIL (PETROLEUM)(8042-47-5*) IS FOUND ON THE FOLLOWING REGULATORY LISTS

EU REACH Regulation (EC) No 1907/2006 - Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
Netherlands Occupational Exposure Limits (Dutch)

European Customs Inventory of Chemical Substances ECICS (English)

European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : 67/548/EEC, 1999/45/EC, 98/24/EC, 92/85/EC, 94/33/EC, 91/689/EEC, 1999/13/EC, Commission Regulation (EU) 2015/830, Regulation (EC) No 1272/2008 and their amendments as well as the

following British legislation: - The Control of Substances Hazardous to Health Regulations (COSHH) 2002 - COSHH Essentials - The Management of Health and Safety at Work Regulations 1999

15.2. Chemical safety assessment

For further information please look at the Chemical Safety Assessment and Exposure Scenarios prepared by your Supply Chain if available.

National Inventory	Status
Australia - AICS	Y
Canada - DSL	Y
Canada - NDSL	N (white mineral oil (petroleum))
China - IECSC	Y
Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	N (white mineral oil (petroleum))
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	Y
USA - TSCA	Y
Legend:	Y = All ingredients are on the inventory N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)

SECTION 16 OTHER INFORMATION

Full text Risk and Hazard codes

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references. A list of reference resources used to assist the committee may be found at:

www.chemwatch.net

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:

EN 166 Personal eye-protection

EN 340 Protective clothing

EN 374 Protective gloves against chemicals and micro-organisms

EN 13832 Footwear protecting against chemicals

EN 133 Respiratory protective devices

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, release and is not to be considered a warranty of quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text