

Promanal Agro

Print date 13.01.2023
Revision date 13.01.2023
Version 1.3 (en,IT)
replaces version of 09.02.2022 (1.2)

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

1.1 Product identifier

Trade name/designation Promanal Agro
Reg-Nr. 15552
Unique Formula Identifier UFI: ATG7-EWPM-XP0Y-S4TJ

Hazard components
paraffin oil

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture
Insecticidal concentrate.

1.3 Details of the supplier of the safety data sheet

Supplier

NITROFARM S.A.
13th Fragkon St, Suite 709-710
GR-54626 Thessaloniki
Telephone +30 2310 553354-7
Telefax +30 2310 545235
E-mail info@nitrofarm.gr

Manufacturer

W. Neudorff GmbH KG
An der Mühle 3
D-31860 Emmerthal
Telephone +49 5155 624-0
Telefax +49 5155 6010
E-mail msds@neudorff.de
Website www.neudorff.de

1.4 Emergency telephone number

IT: Centro Antiveleni - Ospedale Niguarda di Milano +39 0266 101029

* SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]	Classification procedure
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Asp. Tox. 1, H304	Calculation method.
Aquatic Acute 1, H400	On basis of test data.
Aquatic Chronic 1, H410	On basis of test data.

Hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

Hazard statements for environmental hazards

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

* 2.2 Label elements

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*** Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard components

paraffin oil

Hazard pictograms



GHS08



GHS09

Signal word

Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P391 Collect spillage.

P405 Store locked up.

P501 Dispose of contents/container to proper disposal.

*** special rules for labelling of plant protection products**

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

SP1 Do not contaminate water with the product or its container.

2.3 Other hazards

Results of PBT and vPvB assessment

The active substance paraffin oil does not meet the PBT/vPvB criteria of REACH, Annex XIII.

*** SECTION 3: Composition / information on ingredients**

3.1 Substances

not applicable

*** 3.2 Mixtures**

Hazardous ingredients

CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
8042-47-5	232-455-8	paraffin oil	97.6 weight-%	Asp. Tox. 1; H304	
9004-96-0		Oleic acid, ethoxylated	< 3 weight-%	Aquatic Chronic 3; H412	
REACH No.		Substance name			
01-2119487078-27		paraffin oil			

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*** SECTION 4: First aid measures**

*** 4.1 Description of first aid measures**

General information

If swallowed, do not induce vomiting - Risk of aspiration!

Following inhalation

Provide fresh air.

Following skin contact

Wash immediately with:
Water

*** After eye contact**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Following ingestion

Do NOT induce vomiting.
Consult a physician if symptoms appear.
Showing label or packing to the doctor.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

No product-specific symptoms known.

Effects

Risk of aspiration

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.
If swallowed or in the event of vomiting, risk of entering the lungs.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water
Foam
Extinguishing powder
Carbon dioxide (CO₂)

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

No data available

Additional information

Do not inhale explosion and combustion gases.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Forms slippery surfaces with water.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

For containment

Suitable material for taking up:

Sand

Sawdust

Universal binder

6.4 Reference to other sections

No data available

* SECTION 7: Handling and storage

* 7.1 Precautions for safe handling

Protective measures

Follow the instructions !

Avoid any unnecessary contact with the product.

Do not inhale gases/vapours/aerosols.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff.

Keep away from food and drink.

* 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container.

Storage class

10 Combustible liquids that cannot be assigned to any of the above storage classes

Further information on storage conditions

Store at 5 to 40°C (=41 to 104°F).

Protect from direct solar radiation.

Protect from extreme heat and cold.

7.3 Specific end use(s)

Recommendation

Use only as insecticide spray according to the operating instruction!

* SECTION 8: Exposure controls/personal protection

* 8.1 Control parameters

DNEL worker

CAS No.	Substance name	DNEL value	DNEL type	Remark
8042-47-5	paraffin oil	160 mg/cm ³	long-term inhalative (systemic)	

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CAS No.	Substance name	DNEL value	DNEL type	Remark
8042-47-5	paraffin oil	220 mg/kg bw/day	long-term dermal (systemic)	

*** 8.2 Exposure controls**

*** Personal protection equipment**

Eye/face protection

safety goggles

*** Hand protection**

Protective gloves
PVC (Polyvinyl chloride)
PE (polyethylene)
Synthetic rubber gloves

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

liquid

Colour

colourless
clear

Odour

characteristic

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	not determined		
Boiling point or initial boiling point and boiling range	not determined		
flammability	not determined		
Lower and upper explosion limit	not determined		
Flash point	> 170 °C		
Auto-ignition temperature	> 300 °C		
Decomposition temperature	not determined		
pH	in aqueous solution 6.3 (25°C)		1% dissolved in water
Viscosity	kinematic 16.3 mm ² /s (40°C)	OECD 114	
Solubility(ies)	Water solubility (20°C)		emulsifiable
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	Relative density approx. 0.85 g/cm ³ (20°C)		
Relative vapour density	not determined		
particle characteristics	not determined		

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9.2 Other information

Other safety characteristics

	Value	Method	Source, Remark
Explosive properties			No acute danger of explosion.
Oxidising properties			The product has no oxidizing properties.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong basic, acidic or oxidising materials.

10.6 Hazardous decomposition products

Additional information

No decomposition during correct storage and use.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Animal data

	Effective dose	Method, Evaluation	Source, Remark
Acute oral toxicity	LD50: > 3340 mg/kg Species Rat	OECD 401	
Acute dermal toxicity	LD50: > 1336 mg/kg Species Rat	OECD 402	
Acute inhalation toxicity	LC50: > 5.47 mg/L Species Rat	OECD 403	

Skin corrosion/irritation

Animal data

Result / Evaluation	Method	Source, Remark
non-irritant. Species Rabbit	OECD 404	

Serious eye damage/irritation

Animal data

Result / Evaluation	Method	Source, Remark
non-irritant. Species Rabbit	OECD 405	

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Sensitisation to the respiratory tract

not determined

Skin sensitisation

Animal data

Result / Evaluation	Dose / Concentration	Method	Source, Remark
not sensitising.	Species Guinea pig	OECD 406	

Germ cell mutagenicity

not determined

Carcinogenicity

not determined

Reproductive toxicity

not determined

STOT-single exposure

not determined

STOT-repeated exposure

not determined

Aspiration hazard

not determined

11.2 Information on other hazards

No data available

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

	Effective dose	Method, Evaluation	Source, Remark
Acute (short-term) fish toxicity	CAS No.8042-47-5 paraffin oil NOEC 0.97 mg/L Species Danio rerio (zebrafish) Test duration 35 d	Semi-static, ELS test	
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	CAS No.8042-47-5 paraffin oil NOEC 0.43 mg/L Species Daphnia magna (Big water flea) Test duration 21 d	Semi static	
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	CAS No.8042-47-5 paraffin oil ErC50: 70.45 mg/L Species Desmodesmus subspicatus Test duration 72 h	Static	
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

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12.2 Persistence and degradability

	Value	Method	Source, Remark
Biodegradation			The active substance paraffin oil is not easily biodegradable (according to OECD-criteria).

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

The active substance paraffin oil does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

Additional ecotoxicological information

Additional information

Do not allow uncontrolled discharge of product into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste codes/waste designations according to EWC/AVV

Waste code product	Waste name
070404 *	other organic solvents, washing liquids and mother liquors

Appropriate disposal / Product

Product rests: send for disposal, e.g. special waste incineration.

Appropriate disposal / Package

Completely emptied packages can be recycled.

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	UN 3082	UN 3082	-
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	-
14.3 Transport hazard class(es)	9	9	-
14.4 Packing group	III	III	-
14.5 Environmental hazards	ENVIRONMENTALLY HAZARDOUS	ENVIRONMENTALLY HAZARDOUS	ENVIRONMENTALLY HAZARDOUS

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14.6 Special precautions for user

No data available

14.7 Maritime transport in bulk according to IMO instruments

No data available

Land transport (ADR/RID)

UN number or ID number	UN 3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport hazard class(es)	9
Hazard label(s)	9
Classification code	M6
Packing group	III
Environmental hazards	ENVIRONMENTALLY HAZARDOUS
Limited quantity (LQ)	5 L
Special provisions	274, 335, 375, 601
Tunnel restriction code	-

Sea transport (IMDG)

UN number or ID number	UN 3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport hazard class(es)	9
Packing group	III
Environmental hazards	ENVIRONMENTALLY HAZARDOUS
Limited quantity (LQ)	5 L
Marine pollutant	No
EmS	F-A, S-F

SECTION 15: Regulatory information

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

Other regulations (EU)

To follow:

Registered plant protection product according to Regulation (EU) 1107/2009.

Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive] VOC

VOC-value 0 %

15.2 Chemical Safety Assessment

No data available

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*** SECTION 16: Other information**

*** Abbreviations and acronyms**

GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Classification, Labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
WGK: water hazard class
UN: United Nations
EN: European Standard
EU: European Union
ECHA: European Chemicals Agency
EC: European Community
UFI: Unique Formula Identifier
Asp. Tox. 1: Aspiration toxicity, Category 1
Aquatic Acute 1: Short-term (acute) aquatic hazard, Category 1
Aquatic Chronic 1: Long-term (chronic) aquatic hazard, Category 1
Aquatic Chronic 3: Long-term (chronic) aquatic hazard, Category 3
CAS: Chemical Abstracts Service
OECD: Organisation for Economic Cooperation and Development
LD50: Lethal (fatal) Dose 50%
NOEC: No Observed Effect Concentration
ErC50: Effective Concentration 50 % reduction in growth rate
AVV: Waste Shipment Ordinance (DE)
EWC: European Waste Catalogue

Additional information

Follow the instructions !

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It doesn't represent a guarantee of the properties of the product. It's not a technical specification.

Relevant H- and EUH-phrases (Number and full text)

H304 May be fatal if swallowed and enters airways.
H412 Harmful to aquatic life with long lasting effects.

Indication of changes

* Data changed compared with the previous version