

Safety Data Sheet in accordance with Regulation (EU) No. 453/2010

Issuing Date
07-Apr-2015

Revision date
07-Apr-2015

Revision Number
2

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

1.1. Product identifier

Product name	PHC AgroWax
Product code	1413

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

Recommendations on Use	Industrial use
Uses advised against	No information available

1.3. Details of the supplier of the safety data sheet

Distributor	Plant Health Cure BV PO Box 103 5060 AC Oisterwijk The Netherlands T: +31 13 7200300 E: info@phc.eu www.phc.eu
-------------	--

1.4. Emergency telephone number

Emergency Telephone	+31 (0)13 7200300
---------------------	-------------------

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to EU Directives 67/548/EEC or 1999/45/EC

The product is non-dangerous in accordance with Directive 1999/45/EC

Symbol(s) Not dangerous

Classification according to regulation (EC) No. 1272/2008 (CLP)

Health/Environmental Hazards

None

Physical hazards

None.

2.2. Label elements

Pictograms None

Signal Word None

Hazard statements None

EU Specific Hazard Statements EUH208 - Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.
EUH208 - Contains Methylisothiazolinone. May produce an allergic reaction

Precautionary statements None

SECTION 3: Composition/information on ingredients

Chemical name	EC-No	CAS-No	Weight %	Classification (1999/45/EC)	CLP CLASSIFICATION EC No. 1272/2008
Alcohols, C16-18 and C18-unsatd., ethoxylated		68920-66-1	1-4	Xn;R22 Xi;R41 N;R50 Xi;R38	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Acute 1 (H400)
Rosin	232-475-7	8050-09-7	0.1-1	Xi;R43	Skin Sens. 1 (H317)

For the full text of the R-phrases mentioned in this Section, see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
Get medical attention immediately if symptoms occur

Skin contact Wash off immediately with plenty of water for at least 15 minutes
Get medical attention immediately if symptoms occur

Ingestion Rinse mouth
If symptoms persist, call a physician

Inhalation Move to fresh air
If symptoms persist, call a physician

4.2. Most important symptoms and effects, both acute and delayed

No symptoms known currently.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment

6.2. Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation

Handle in accordance with good industrial hygiene and safety practice

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed

Keep from freezing

7.3. Specific end use(s)

No further recommendations.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	Eu	Belgium - Occupational Exposure Limits - STELs	The United Kingdom	France	Spain	Germany
Rosin			STEL: 0.15 mg/m ³ TWA: 0.05 mg/m ³	TWA: 0.1 mg/m ³		

Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Rosin 8050-09-7					TWA: 0.05 mg/m ³ STEL: 0.15 mg/m ³

Chemical name	Japan	China	Korea	Australia
Rosin			TWA: 0.1 mg/m ³	0.1 mg/m ³

Derived No Effect Level (DNEL)

No information available

Predicted No Effect Concentration (PNEC)

No information available

8.2. Exposure controls

Engineering Measures	Ensure adequate ventilation, especially in confined areas
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required
Eye protection	Tightly fitting safety goggles
Skin and body protection	Wear protective gloves/clothing
Hygiene Measures	When using, do not eat, drink or smoke Remove and wash contaminated clothing before re-use

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	liquid
Appearance	white
Odor	characteristic
Odor Threshold	No information available
pH	4.5 - 7.0
Initial boiling point	No information available
Flash Point	Not flammable
evaporation rate	No data available
Flammability Limits in Air	
Upper	No information available
Lower	No information available
vapor pressure	No data available
Vapor Density	no data available
Solubility	No information available
Partition Coefficient (n-octanol/water)	No data available
Autoignition Temperature	not applicable
decomposition temperature	No data available
Viscosity	<25 cps
Explosive properties	No information available
Oxidizing properties	No information available

9.2. Other information

Density	0.98 - 1.00
----------------	-------------

Specific gravity

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity	No reactions are expected under normal use.
10.2. Chemical stability	Stable under normal conditions
10.3. Possibility of hazardous reactions	None known
10.4. Conditions to avoid	Heat, flames and sparks
10.5. Incompatible materials	No materials to be especially mentioned
10.6. Hazardous decomposition products	None under normal use

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Rosin		2500 mg/kg (Rabbit)	

Chronic toxicity

Carcinogenicity	Contains no ingredient listed as a carcinogen
Irritation	No information available
Sensitization	No information available
Mutagenic Effects	No information available
Reproductive toxicity	No information available
Developmental toxicity	No information available
Endocrine system	None known

SECTION 12: Ecological information**12.1. Ecotoxicity**

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Rosin	EC50 = 400 mg/L 72 h			EC50 3.8 - 5.4 mg/L 48 h

12.2. Persistence and degradability	no data available
12.3. Bioaccumulative potential	no data available
12.4. Mobility in soil	no data available
12.5. Results of PBT and vPvB assessment	no data available
12.6. Other adverse effects	no data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from Residues / Unused Products Dispose of in accordance with local regulations

Contaminated Packaging Dispose of in accordance with local regulations

SECTION 14: Transport information

IMDG/IMO

Not regulated

ADR

Not regulated

IATA

Not regulated

SECTION 15: Regulatory information

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

International Inventories

TSCA (USA)	Complies
DSL (Canada)	Complies
EINECS (Europe)	Complies
ENCS (Japan)	Complies
IECSC (China)	Complies
KECL (Korea)	Complies
PICCS (Philippines)	Complies
AICS (Australia)	Complies
ERMA (New Zealand)	Complies
Taiwan	This product does not comply with TECS

15.2. Chemical safety assessment

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.

SECTION 16: Other information

Text of R-phrases mentioned in Section 3

R22 - Harmful if swallowed
R50 - Very toxic to aquatic organisms
R41 - Risk of serious damage to eyes
R38 - Irritating to skin
R43 - May cause sensitization by skin contact

Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed
H315 - Causes skin irritation
H318 - Causes serious eye damage
H400 - Very toxic to aquatic life
H317 - May cause an allergic skin reaction

Revision date

07-Apr-2015

Revision note

*** - Indicates changes to MSDS

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or 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 material or in any process, unless specified in the text.

End of Safety Data Sheet