Alphachem 3 IN 1 WOOD PRESERVER CLEAR AND COLOUR



Date of issue: 14.04.2022

Version 1.0

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830 AS AMENDED BY UK REACH REGULATIONS SI 2019/758

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Alphachem 3 in 1 Wood Preserver Clear and Colour

Product Code LWUD/Bulk
LWUG/Bulk
LWUI/Bulk

Unique Formula Identifier (UFI) Clear: N1G0-R0M2-K00H-KUV3

Dark Brown: E4G0-809F-W001-86F5 Green: 4PF0-Q0UG-C00J-XGHU

Nanoform The product does not contain nanoparticles.

1.2 Relevant identified uses of the substance or mixture

and uses advised against

Identified Use(s)

The product is intended for professional use. A solvent based wood treatment

containing actives for wood worm and dry rot

Uses advised against Wood articles

1.3 Details of the supplier of the safety data sheet

Company Identification Cromar Building Products Limited

Units 1,3,4,5 Northside Industrial Park,

Selby Road Whitley Bridge North Yorkshire DN14 0GH United Kingdom 01977 663133

Telephone 01977 663133
E-mail (competent person) sales@cromar.uk.com

1.4 Emergency telephone number

Emergency Phone No. 01977 663133 Office hours (08:30 - 17:00)

National Poisons Information Servce (United Kingdom) +44 (0) 3448 920111 24 hr. emergency phone number Healthcare Professionals ONLY

NHS 24 111 Members of Public

Languages spoken English

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 The retained CLP Regulation (EU) No 1272/2008, as Flam. Liq. 3; H226

amended for Great Britain

Asp. Tox. 1; H304 STOT SE 3; H336 STOT RE 1; H372 Aquatic Acute 1; H400 Aquatic Chronic 1;H410

2.2 Label elements The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain

Product name Alphachem 3 in 1 Wood Preserver Clear and Colour

Contains: Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics.

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Hazard Pictogram(s)









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Signal Word(s) Danger

Hazard Statement(s) H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

H372: Causes damage to organs through prolonged or repeated exposure.

H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statement(s) P210: Keep away from heat, hot surfaces, sparks, open flames and other

ignition sources. No smoking.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P273: Avoid release to the environment. P331: Do NOT induce vomiting.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for

breathing.

Supplemental information EUH066: Repeated exposure may cause skin dryness or cracking.

EUH208: Contains: Permethrin; m-Phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate and Propiconazole (ISO). May cause an

allergic skin reaction.

2.3 Other hazards None Known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Not applicable

3.2 Mixtures

Classification: The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain

Chemical identity of the	%W/W	CAS No.	EC No.	UK-REACH	Hazard classification
substance				Registration No.	
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics	80 - 99	-	919-446-0	01-2119458049- 33-0000	Flam. Liq. 3; H226 STOT SE 3; H336 STOT RE 1; H372 Asp. Tox. 1; H304 Aquatic Chronic 2; H411
Permethrin; m- Phenoxybenzyl 3-(2,2- dichlorovinyl)-2,2- dimethylcyclopropanecarb oxylate	<0.3	52645-53-1	52645-53-1	Not yet assigned in the supply chain	Acute Tox. 4; H302 Acute Tox. 4; H332 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Hydrocarbons, C9, aromatics	<0.3	128601-23-0	918-668-5	Not yet assigned in the supply chain	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H335 STOT SE 3; H336 Aquatic Chronic 2; H411





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Propiconazole (ISO)	<0.3	60207-90-1	262-104-4	Not yet assigned in the supply chain	Acute Tox. 4; H302 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
				chain	Aquatic Chronic 1, H410
					Repr. 1B; H360D

For full text of H phrases see section 16.

SECTION 4: FIRST AID MEASURES



4.3

4.1 Description of first aid measures

> Self-protection of the first aider Wear appropriate personal protective equipment, avoid direct contact. Ensure

adequate ventilation. Do not breathe vapour. Avoid all contact. Contaminated

clothing should be laundered before reuse.

Inhalation IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Call a POISON CENTER/doctor if you feel unwell. IF exposed or

concerned: Get medical advice/attention.

Skin contact IF ON SKIN: Remove contaminated clothing and wash all affected areas with

plenty of water. Wash contaminated clothing before reuse. If skin irritation or rash

occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact Eve contact

lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get

medical advice/attention.

Ingestion IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Make victim drink plenty

> of water. Do not induce vomiting because of risk of aspiration into the lungs. Do not give anything by mouth to an unconscious person. Call a POISON

CENTER/doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute

and delayed

Indication of any immediate medical attention and special treatment needed

May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure. May cause

an allergic skin reaction.

Treat symptomatically.

Notes to a physician: IF SWALLOWED: Material may be aspirated into the lungs and cause chemical

pneumonitis

IF INHALED: Respiratory symptoms, including pulmonary edema, may be

delayed.

SECTION 5: FIREFIGHTING MEASURES

5.1 **Extinguishing media**

Suitable extinguishing media

Unsuitable extinguishing media

5.2 Special hazards arising from the substance or

mixture

5.3 Advice for firefighters As appropriate for surrounding fire. Extinguish with carbon dioxide, dry chemical, foam or waterspray and sand.

Do not use water jet. Direct water jet may spread the fire.

Highly flammable liquid and vapour. May decompose in a fire giving off toxic fumes. Carbon monoxide, Carbon dioxide, organic and inorganic compounds.

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers. Prevent run off water from entering drains if possible. Dike fire control water for later disposal.





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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and

emergency procedures

6.2 **Environmental precautions**

6.3 Methods and material for containment and cleaning

6.4 Reference to other sections Ensure adequate ventilation. Only trained and properly protected personnel must be involved in clean-up operations. Stop leak if safe to do so. Eliminate all ignition sources if safe to do so. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use personal protective equipment as

required. Do not breathe vapour. Avoid all contact. See Section: 8

Avoid release to the environment. Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body. Dike area to contain the spill and prevent releases to sewers, drains, or other waterways.

Use non-sparking equipment when picking up flammable spill. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Ventilate the area and wash spill site after material pick-up is complete.

Dispose of this material and its container as hazardous waste.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling Ensure operatives are trained to minimise exposures. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid all contact. Do not breathe vapour. Ensure adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. May form explosive peroxides. Take precautionary measures against static discharges. Use personal protective equipment as required. See Section: 8. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Do not use sparking tools.

7.2 Conditions for safe storage, including any incompatibilities

Ground/bond container and receiving equipment. Keep only in original container. Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep away from direct sunlight. Ambient temperatures.

storage temperature Incompatible materials

Strong acids, strong bases.

See Section: 8, 13

7.3 Specific end use(s) See Section: 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational exposure limits Not established

United Kingdom:

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
(2- methoxymethylethoxy)propanol	34590-94-8	50	308	-	-	Sk

Source: WEL: Workplace Exposure Limit (UK HSE EH40).

Note:

Sk - Can be absorbed through skin.

8.1.2 Biological limit value Not established

PNECs and DNELs 8.1.3 Not established

8.2 **Exposure controls**

8.2.1 Appropriate engineering controls Ensure adequate ventilation. Atmospheric levels should be controlled in compliance with the occupational exposure limit. A washing facility/water for eye

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and skin cleaning purposes should be present. Ground and bond container and

Individual protection measures, such as personal 8.2.2 protective equipment

General hygiene measures for the handling of chemicals are applicable. Keep good industrial hygiene. Avoid all contact. Do not breathe vapour. Wash hands before breaks and after work. Keep work clothes separately. Do not eat, drink or smoke at the work place.

Eye/ face protection



Wear protective eye glasses for protection against liquid splashes. Wear eye protection with side protection (EN166).

Skin protection



Hand protection:

Wear impervious gloves (EN374). Protective index 6, corresponding > 480 minutes of permeation time according to EN 374 Gloves should be changed regularly to avoid permeation problems. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

Body protection:

Wear impervious protective clothing, including boots, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection



9.1

In case of inadequate ventilation wear respiratory protection. A suitable mask with

filter type A (EN141 or EN405) may be appropriate.

receiving equipment. Use non-sparking tools.

Thermal hazards Not applicable

8.2.3 **Environmental exposure controls** Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance Liquid

Odour Characteristic, pungent. Odour threshold No data available Hq Not applicable

-20 °C @ 760 mm Hg / No data available Melting point/freezing point

Initial boiling point and boiling range 153 - 200 °C Flash point 40 °C [Closed cup] Evaporation rate No data available Flammability (solid, gas) Flammable liquid

Upper/lower flammability or explosive limits 7 - 0.6Vapour pressure 0.231 kPa Vapour density No data available Relative density 0.78 to 0.8 (@ 15°C) Solubility(ies) No data available Partition coefficient: n-octanol/water No data available

>200 °C Auto-ignition temperature

Decomposition temperature No data available Viscosity $1 - 2.5 \text{ mm}^2/\text{s}$ No data available Explosive properties

No data available Oxidising properties

9.2 Other information No data available

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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity Stable under normal conditions. 10.2 Chemical stability Stable under normal conditions. 10.3 Possibility of hazardous reactions Stable under normal conditions.

10.4 Conditions to avoid Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking. Keep away from direct sunlight.

10.5 Incompatible materials Strong acids, strong bases,

10.6 Hazardous decomposition products May decompose in a fire giving off toxic fumes. Carbon monoxide, Carbon

dioxide, organic and inorganic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

> **Acute toxicity - Ingestion** Mixture: Based upon the available data, the classification criteria are not met.

> > Acute Toxicity Estimate Mixture Calculation: Estimated LD50 (oral,rat) mg/kg: =

15000.

Acute toxicity - Inhalation Mixture: Based upon the available data, the classification criteria are not met.

Acute Toxicity Estimate Mixture Calculation: Estimated LC50 (rat) mg/l (Vapour)

= 13.1

Acute toxicity - Skin contact Mixture: Based upon the available data, the classification criteria are not met.

Acute Toxicity Estimate Mixture Calculation: Estimated LD50 (skin,rabbit) mg/kg:

Skin corrosion/irritation Mixture: Based upon the available data, the classification criteria are not met. Serious eye damage/irritation Mixture: Based upon the available data, the classification criteria are not met. Respiratory or skin sensitisation Mixture: Based upon the available data, the classification criteria are not met.

Mixture: Based upon the available data, the classification criteria are not met. Germ cell mutagenicity Carcinogenicity Mixture: Based upon the available data, the classification criteria are not met. Reproductive toxicity Mixture: Based upon the available data, the classification criteria are not met.

STOT - single exposure Mixture: STOT SE 3: H336: May cause drowsiness or dizziness.

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, STOT SE 3: H336: May cause drowsiness or dizziness.

aromatics No data available. (ECHA registration dossier)

STOT - Repeated Exposure

Mixture: STOT RE 1: Causes damage to organs through prolonged or repeated

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, STOT RE 1: Causes damage to organs through prolonged or repeated

aromatics

exposure.

No data available. (ECHA registration dossier) **Aspiration hazard**

Mixture: Asp. Tox. 1: May be fatal if swallowed and enters airways.

Kinematic viscosity: 1 − 2.5 mm²/s

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, Asp. Tox. 1: May be fatal if swallowed and enters airways.

1.0-2.5 cSt @ 20°C (ASTM D445)

11.2 Other information None Known

SECTION 12: ECOLOGICAL INFORMATION

aromatics

12.1 **Toxicity** Mixture: Aquatic Acute 1 H400: Very toxic to aquatic life.

Aquatic Chronic 1; H410: Very toxic to aquatic life with long lasting effects.

Permethrin; m-Phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-Aquatic Acute 1 H400: Very toxic to aquatic life.

Aguatic Chronic 1; H410: Very toxic to aguatic life with long lasting effects. dimethylcyclopropanecarboxylate

> LC50 Poecilia reticulata (Guppy) 96h: 0.0076 mg/l EC50 (Daphnia magna) 48h: 0.00017 mg/l

EC50 (Algae) 72h: 0.5 mg/l

Source: EU Harmonised Classification / Existing Safety Data Sheet (SDS)

Propiconazole (ISO) Aquatic Acute 1 H400: Very toxic to aquatic life.

Aguatic Chronic 1; H410: Very toxic to aquatic life with long lasting effects.

LC50 Oncorhynchus mykiss (Rainbow trout) 96h: 4.3 mg/l

EC50 (Daphnia magna) 48h: 10.2 mg/l

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12.2 Persistence and degradability

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics,

Based upon the available data, the classification criteria are not met. Biodegradation is not relevant for metals and inorganic substances.

Source: EU Harmonised Classification / Existing Safety Data Sheet (SDS)

Permethrin; m-Phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2- Not readily biodegradable

dimethylcyclopropanecarboxylate

Hydrocarbons, C9, aromatics Readily biodegradable (according to OECD criteria) 301B, 301D and OECD

Biodegradation: 78 % Exposure time: 28 d Method: OECD Test Guideline 301F

Propiconazole (ISO) Not biodegradable

Bioaccumulative potential 12.3

Based upon the available data, the classification criteria are not met.

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, Not relevant.

Permethrin; m-Phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2- Bioconcentration factor (BCF): 300

dimethylcyclopropanecarboxylate log KOW: 5.95

Hydrocarbons, C9, aromatics Not applicable for inorganic substances.

Propiconazole (ISO) Log KOW: 3.72 (Fish) OECD Guideline 305

12.4 Mobility in soil

12.6

14.6

14.7

Based upon the available data, the classification criteria are not met.

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, No information available.

aromatics

dimethylcyclopropanecarboxylate

Permethrin; m-Phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2- No information available.

Hydrocarbons, C9, aromatics No information available. Propiconazole (ISO) No information available.

Results of PBT and vPvB assessment 12.5

The product is predicted to be not classified as PBT or vPvB

Permethrin; m-Phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2- Possible PBT, vPvB

dimethylcyclopropanecarboxylate

Other adverse effects None Known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Do not reuse empty containers unless properly

cleaned. Dispose of wastes in an approved waste disposal facility.

Waste code: HP3 (Flammable)

Waste classification according to Directive 2008/98/EC

Transport in bulk according to Annex II of Marpol

(Waste Framework Directive)

Special precautions for user

and the IBC Code

SECTION 14: TRANSPORT INFORMATION

		ADR/RID	IMDG	IATA/ICAO
14.1	UN number	UN 1300	UN 1300	UN 1300
14.2	UN proper shipping name	TURPENTINE	TURPENTINE	TURPENTINE
		SUBSTITUTE	SUBSTITUTE	SUBSTITUTE
14.3	Transport hazard class(es)	3	3	3
14.4	Packing group	III	III	III
14.5	Environmental hazards	Environmentally	Classified as a Marine	Environmentally
		hazardous	Pollutant.	hazardous

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See Section: 2

Not applicable

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SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental

regulations/legislation specific for the substance or

mixture

15.1.1 EU regulations

Authorisations and/or restrictions on use Not restricted

GB regulations

Grandfathered registrations notified substances list Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics: Restricted

Substances

Hydrocarbons, C9, aromatics: Restricted Substances
UK - Environment Agency - PBT screening
Permethrin; m-Phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-

dimethylcyclopropanecarboxylate: Yes: High proriy substance.

15.1.2 National regulations Not restricted

15.2 Chemical Safety Assessment A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Not applicable - V1.0

References:

Existing Safety Data Sheet (SDS) for 3 in 1 Wood Preserver Clear and substances.

Existing ECHA registration(s) for Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (CAS NO: -), Permethrin; m-Phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (CAS NO: 52645-53-1), Hydrocarbons, C9, aromatics (CAS NO: 128601-23-0), Propiconazole (ISO) (CAS NO: 60207-90-1).

Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830. Compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Classification of the substance or mixture. The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain	Classification procedure
Flam. Liq. 3; H226	Flash point (°C) / Boiling Point (°C)
STOT SE 3; H336	Threshold Calculation
STOT RE 1; H372	Threshold Calculation
Asp. Tox. 1; H304	Threshold Calculation / Kinematic viscosity (On basis of test
	data.)
Aquatic Acute 1; H400	Summation Calculation
Aquatic Chronic 1; H410	Summation Calculation
EUH066: Repeated exposure may cause skin dryness or	Threshold Calculation
cracking.	
EUH208: Contains: Permethrin; m-Phenoxybenzyl 3-(2,2-	Threshold Calculation
dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate and	
Propiconazole (ISO). May cause an allergic skin reaction.	

Legend

ADR ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL Derived no effect level

IATA IATA: International Air Transport Association
ICAO ICAO: International Civil Aviation Organization
IMDG IMDG: International Maritime Dangerous Goods

LTEL Long term exposure limit

PBT PBT: Persistent, Bioaccumulative and Toxic

PNEC Predicted No Effect Concentration

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID: Regulations concerning the international railway transport of dangerous goods

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STEL Short term exposure limit

vPvB vPvB: very Persistent and very Bioaccumulative

Hazard classification / Classification code:

Flam. Liq. 3; Flammable liquid, Category 3 Acute Tox. 4; Acute toxicity, Category 4 Skin Sens. 1; Skin sensitizer, Category 1 Acute Tox. 4; Acute toxicity, Category 4

STOT SE 3; Specific target organ toxicity — single exposure, Category 3 STOT SE 3; Specific target organ toxicity — single exposure, Category 3

Repr. 1B; Reproductive, Category 1B

STOT RE 1; Specific target organ toxicity — repeated exposure, Category

Asp. Tox. 1; Aspiration Toxicity, Category 1

Aquatic Acute 1; Hazardous to the aquatic environment, Category 1 Aquatic Chronic 1; Hazardous to the aquatic environment, Category 1 Aquatic Chronic 2; Hazardous to the aquatic environment, Category 2

Hazard Statement(s)

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H317: May cause an allergic skin reaction.

H332: Harmful if inhaled.

H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H360: May damage fertility or the unborn child.

H372: Causes damage to organs through prolonged or repeated

exposure.

H304: May be fatal if swallowed and enters airways.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects. H411: Toxic to aquatic life with long lasting effects.

EUH066: Repeated exposure may cause skin dryness or cracking. EUH208: Contains: (name of sensitising substance). May produce an

allergic reaction.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

Exposure scenarios for substances in this preparation are not available.

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