

SAFETY DATA SHEET

ALPHACHEM SHED FENCE TREAT



ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

Date of issue: 14.04.2022
Version 2.0

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

1.1 Product Identifier

Product Name Alphachem Shed Fence Treat
Product Code LFTL/Bulk
Unique Formula Identifier (UFI) KNG0-90EU-R000-77XJ
Nanoform The product does not contain nanoparticles.

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

Identified use(s) Professional use and commercial use. A water based decorative timber treatment, for use on sheds, timber posts and gates.
Uses advised against Anything other than the above.

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

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

Distributed in the EU

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Unit 2017 Orchard Avenue Citywest Business Campus,
Dublin D24 AXR0,
Ireland

Telephone 00353 87 2528476
E-mail info@cromar.ie

1.4 Emergency Telephone Number

Emergency Phone No.	01977 663133 +353 (1) 809 2166	Office hours (08:30 - 17:00) 8.00am. - 10.00pm 7 days per week Members of Public
National Poisons Information Centre (Ireland)	+353 (1) 809 2566	24 hr. emergency phone number Healthcare Professionals ONLY
National Poisons Information Service (Northern Ireland)	+44 (0) 3448 920111	24 hr. emergency phone number Healthcare Professionals ONLY
NHS 24	111	Members of Public
Language(s) spoken:	English	

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Regulation (EC) No. 1272/2008 (CLP)

Skin Sens. 1A; H317
Aquatic Chronic 2; H411

2.2 Label elements

Product name Shed Fence Treat
Contains: According to Regulation (EC) No. 1272/2008 (CLP)
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

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Hazard Pictogram(s)



Signal Word(s)

Warning

Hazard Statement(s)

H317: May cause an allergic skin reaction.
H411: Toxic to aquatic life with long lasting effects.

Precautionary Statement(s)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P391: Collect spillage.
P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

Supplemental information

None Known

2.3 Other hazards

None Known

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances - Not applicable

3.2 Mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	>0.001 - <0.1	55965-84-9	911-418-6 / 611-341-5	Not yet assigned in the supply chain	Acute Tox. 3; H301 Acute Tox. 2; H310 Acute Tox. 2; H330 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071

Specific concentration limit (SCL) & M-factor

Chemical identity of the substance	CAS No.	EC No.	Specific concentration limit (SCL)	M-factor
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	911-418-6 / 611-341-5	Eye Dam. 1: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Corr. 1C: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Skin Sens. 1A: C ≥ 0.0015 %	Acute: 100 Chronic: 100

For full text of H/P Statements see section 16.

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4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures Self-protection of the first aider

Inhalation

Skin contact

Eye contact

Ingestion

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

Use personal protective equipment as required. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Avoid breathing vapours. Avoid contact with skin and eyes. Contaminated clothing should be laundered before reuse.

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.

Rinse mouth. Get medical advice/attention if you feel unwell.

May cause an allergic skin reaction.

Treat symptomatically.

5. 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.

Direct water jet may spread the fire.

Not flammable. Combustion may cause toxic fumes. (Carbon monoxide, Carbon dioxide).

Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Avoid run off to waterways and sewers.

6. 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 up

6.4 Reference to other sections

Caution – spillages may be slippery. Shut off leaks if without risk. Avoid contact with skin and eyes. Ensure adequate ventilation. Avoid breathing vapours. Wear appropriate personal protective equipment. Contaminated clothing should be laundered before reuse.

Avoid release to the environment.

Provided it is safe to do so, isolate the source of the leak. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Wash the spillage area with water.

See Section: 8,13

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature

Incompatible materials

Ensure adequate ventilation. Avoid inhalation of high concentrations of vapours. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Contaminated clothing should be laundered before reuse.

Keep container tightly closed. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.

Keep cool. Protect from sunlight.

Keep away from: Strong oxidising agents.

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7.3 Specific end use(s)

See Section: 1.2

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational exposure limits

United Kingdom

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Monoethanolamine	141-43-5	1	2.5	3	7.6	IOELV, WEL, Sk
Rosin-based solder flux fume	8050-09-7	-	0,05	-	0,15	Sen

Source: WEL: Workplace Exposure Limit (UK HSE EH40), IOELV: Indicative Occupational Exposure Limit Value

Sk - Can be absorbed through skin.

Sen: Capable of causing occupational asthma.

Ireland

SUBSTANCE	CAS No.	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period)		Notes
		ppm	mg/m ³	ppm	mg/m ³	
Monoethanolamine	141-43-5	1	2.5	3	7.6	Sk, IOELV

Source: 2021 Code of Practice for Safety, Health and Welfare at Work (Chemical Agents) Regulation (2001 – 2021) and the Safety, Health and Welfare at Work (Carcinogens) Regulations (2001 – 2019); Health and Safety Authority

Note:

IOELV: Indicative Occupational Exposure Limit Value

Sk: Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body.

8.1.2 Biological limit value

Not established

8.1.3 PNECs and DNELs

Not established

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.

8.2.2 Individual protection measures, such as personal protective equipment

Keep good industrial hygiene. Wear appropriate personal protective equipment, avoid direct contact. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke at the work place. Contaminated clothing should be laundered before reuse.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye/ face protection



Use eye protection according to EN 166, designed to protect against liquid splashes.

Skin protection



Hand protection

Wear suitable chemical resistant protective gloves for frequent or prolonged operations tested to EN374 with an acceptable permeation test. Contaminated gloves should be carefully rinsed with water before reuse.

Body protection

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Respiratory protection



Wear work clothes with long sleeves.

Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection.

Thermal hazards

Not applicable

8.2.3 Environmental exposure controls

Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	Various
Odour	Barely perceptible odour
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	100°C
Flammability	Not flammable but will support combustion.
Lower and upper explosion limit	Not established
Flash point	>93°C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	approx. 7
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient: n-octanol/water (log value)	No data available
Vapour pressure	No data available
Density and/or relative density	1
Relative vapour density	No data available
Particle characteristics	No data available

9.2 Other information

No data available

10. 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	None anticipated.
10.4 Conditions to avoid	Heat and direct sunlight.
10.5 Incompatible materials	Keep away from: Strong oxidising agents.
10.6 Hazardous decomposition products	Combustion may cause toxic fumes. (Carbon monoxide, Carbon dioxide).

11. SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity - Ingestion

Mixture: Based upon the available data, the classification criteria are not met.
Acute Toxicity Estimate Mixture Calculation: LD50 > 2000 mg/kg bw/day

Acute toxicity - Inhalation

Mixture: Based upon the available data, the classification criteria are not met.
Acute Toxicity Estimate Mixture Calculation: LD50 > 2000 mg/kg bw/day

Acute toxicity - Skin contact

Mixture: Based upon the available data, the classification criteria are not met.
Acute Toxicity Estimate Mixture Calculation: LC50 > 20.0 mg/l

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: Skin Sens. 1A; H317: May cause an allergic skin reaction.

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Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Skin Sens. 1A; H317: May cause an allergic skin reaction.
Harmonised Classification
Sensitisation (mouse) - Positive (in vivo LLNA) (Unnamed publication, 2000)
Mixture: Based upon the available data, the classification criteria are not met.
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Germ cell mutagenicity
Carcinogenicity
Reproductive toxicity
STOT - Single Exposure
STOT - Repeated Exposure
Aspiration hazard

11.2 **Information on other hazards**
11.2.1 Endocrine disrupting properties

None Known

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 **Toxicity**
Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Mixture: Aquatic Chronic 2; H411: Toxic to aquatic life with long lasting effects.
Estimated LC50 (Fish) (96 hour) (Mixture): >100 mg/l. (OECD 203, (Static))
EC50 (Aquatic invertebrates) (48 hour) (Mixture): >100 mg/l. (OECD 202, Part 1 (Static))
IC50 (Aquatic plants) (72 hour) (Mixture): 100 mg/l. (OECD 201)
Aquatic Chronic 2; H411: Toxic to aquatic life with long lasting effects.
NOEC: ≥ 46.4 µg/L

12.2 **Persistence and degradability**
Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

No data for the mixture as a whole.
CMIT is classified as being readily biodegradable, failing the 10 -day window and MIT is classified as being not readily biodegradable according to the criteria of the test, although significant biodegradation occurred.

12.3 **Bioaccumulative potential**
Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

No data for the mixture as a whole.
The substance has low potential for bioaccumulation.

12.4 **Mobility in soil**
Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Bioconcentration factor (BCF): ≤ 54
No data for the mixture as a whole.
The substance is predicted to have high mobility in soil. Very soluble

12.5 **Results of PBT and vPvB assessment**
Not classified as PBT or vPvB. None of the substances in this product fulfill the criteria for being regarded as a PBT or vPvB substance.

12.6 **Endocrine disrupting properties**
None known.

12.7 **Other adverse effects**
None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 **Waste treatment methods**
Waste classification according to Directive 2008/98/EC (Waste Framework Directive)

Dispose of this material and its container as hazardous waste. Avoid release to the environment. Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

	Road/Rail (ADR/RID)	Sea transport (IMDG)	Air (ICAO/IATA)
14.1 UN number or ID number	Not classified	Not classified	Not classified
14.2 UN proper shipping name	Not classified	Not classified	Not classified
14.3 Transport hazard class(es)	Not classified	Not classified	Not classified
14.4 Packing group	Not classified	Not classified	Not classified
14.5 Environmental hazards	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6 Special precautions for user			
14.7 Maritime transport in bulk according to IMO instruments	Not applicable		
14.8 Additional information	Not applicable		

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15. 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

None of the substances is included on the Candidate List of Substances of Very High Concern for authorisation (Annex XIV) under REACH Regulation (EC) No. 1907/2006.

To follow:

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

15.1.2 National regulations

Germany

Water hazard class: non-hazardous to water (nwg) (Self classification)

15.2 Chemical Safety Assessment

A chemical safety assessment is not required under REACH.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: New SDS Regulation 2020/878 format, all sections have been updated to include new information. Please review SDS with care.

References:

Harmonised Classification and Existing ECHA registration(s) for Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS No. 55965-84-9)

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification procedure
Skin Sens 1A; H317	Threshold Calculation
Aquatic Chronic 2; H411	Summation Calculation

Legend

ADR	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	ADN: European Agreement on the International Transport of Dangerous Goods by Inland Waterways
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
M-factor	Multiplying factor
PBT	PBT: Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	RID: Regulations concerning the international railway transport of dangerous goods
STEL	Short term exposure limit
vPvB	vPvB: very Persistent and very Bioaccumulative

Hazard classification / Classification code:

Acute Tox. 3; Acute Toxicity, Category 3
Acute Tox. 2; Acute Toxicity, Category 2
Acute Tox. 1; Acute Toxicity, Category 1
Skin Corr. 1C; Skin corrosion/irritation, Category 1C
Eye Dam. 1; Eye damage, category 1
Skin Sens. 1A; Skin Sensitisation, Category 1A
Aquatic Acute 1; Hazardous to the aquatic environment, Acute, Category 1

Hazard Statement(s)

H301: Toxic if swallowed.
H310: Fatal in contact with skin.
H330: Fatal if inhaled.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H317: May cause an allergic skin reaction.
H400: Very toxic to aquatic life.

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

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

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.