

SAFETY DATA SHEET



ALPHACHEM SHED FENCE TREAT

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 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 01977 663133 sales@cromar.uk.com	
Telephone		
E-mail (competent person)		
1.4 Emergency telephone number		
Emergency Phone No.	01977 663133	Office hours (08:30 - 17:00)
National Poisons Information Service (United Kingdom)	+44 (0) 3448 920111	24 hr. emergency phone number Healthcare Professionals ONLY Members of Public
NHS 24	111	
Language(s) 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 amended for Great Britain	Skin Sens. 1A; H317 Aquatic Chronic 2; H411	
2.2 Label elements		
Product name	The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain Shed Fence Treat	
Contains:	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)	
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.	

SAFETY DATA SHEET

ALPHACHEM SHED FENCE TREAT

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

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances - Not applicable

3.2 Mixtures

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

Chemical identity of the substance	%W/W	CAS No.	EC No.	UK-REACH Registration No.	Hazard classification
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 phrases see section 16.

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Self-protection of the first aider

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.

Inhalation

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

Skin contact

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

SAFETY DATA SHEET

ALPHACHEM SHED FENCE TREAT



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

Date of issue: 14.04.2022
Version 1.0

Eye contact

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.

Ingestion

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

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

As appropriate for surrounding fire.

Unsuitable extinguishing media

Direct water jet may spread the fire.

5.2 Special hazards arising from the substance or mixture

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

5.3 Advice for firefighters

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

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.

6.4 Reference to other sections

See Section: 8, 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

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.

7.2 Conditions for safe storage, including any incompatibilities

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

Storage temperature

Keep cool. Protect from sunlight.

Incompatible materials

Keep away from: Strong oxidising agents.

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

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

SAFETY DATA SHEET

ALPHACHEM SHED FENCE TREAT

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

Sk - Can be absorbed through skin.

Sen: Capable of causing occupational asthma

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.
	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.
		
	Respiratory protection	Body 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
	Appearance	Liquid
	Odour	Barely perceptible odour
	Odour threshold	No data available
	pH	approx. 7
	Melting point/freezing point	No data available
	Initial boiling point and boiling range	100 °C
	Flash point	> 93 °C
	Evaporation rate	No data available
	Flammability (solid, gas)	Not flammable but will support combustion.
	Upper/lower flammability or explosive limits	No data available
	Vapour pressure	No data available
	Vapour density	No data available
	Relative density	1
	Solubility(ies)	No data available
	Partition coefficient: n-octanol/water	No data available
	Auto-ignition temperature	No data available
	Decomposition temperature	No data available

SAFETY DATA SHEET

ALPHACHEM SHED FENCE TREAT

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



Date of issue: 14.04.2022
Version 1.0

Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

9.2 Other information No data available

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).

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: 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.
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
Germ cell mutagenicity	Sensitisation (mouse) - Positive (in vivo LLNA) (Unnamed publication, 2000)
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: Based upon the available data, the classification criteria are not met.
STOT - Repeated Exposure	Mixture: Based upon the available data, the classification criteria are not met.
Aspiration hazard	Mixture: Based upon the available data, the classification criteria are not met.
11.2 Other information	None Known

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	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)
Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one and 2-methyl-2Hisothiazol- 3-one (3:1)	Aquatic Chronic 2; H411: Toxic to aquatic life with long lasting effects. NOEC: ≥ 46.4 µg/L
12.2 Persistence and degradability	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	No data for the mixture as a whole. The substance has low potential for bioaccumulation. Bioconcentration factor (BCF): ≤ 54
12.4 Mobility in soil	No data for the mixture as a whole. The substance is predicted to have high mobility in soil. Very soluble
Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one and 2-methyl-2Hisothiazol- 3-one (3:1)	

SAFETY DATA SHEET

ALPHACHEM SHED FENCE TREAT

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



Date of issue: 14.04.2022
Version 1.0

12.5	Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6	Other adverse effects	None Known

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.
13.2	Additional information	None Known

SECTION 14: TRANSPORT INFORMATION

	ADR/RID	IMDG	IATA/ICAO
14.1	UN number	Not classified	Not classified
14.2	UN proper shipping name	Not classified	Not classified
14.3	Transport hazard class(es)	Not classified	Not classified
14.4	Packing group	Not classified	Not classified
14.6	Special precautions for user	See Section: 2	
14.7	Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable	

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	Not restricted
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:

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)

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
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
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

SAFETY DATA SHEET

ALPHACHEM SHED FENCE TREAT



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Date of issue: 14.04.2022
Version 1.0

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