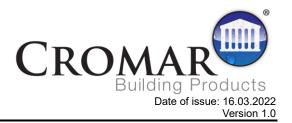
ALPHACEM INTEGRAL WATERPROOFER

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 Product Code Unique Formula Identifier (UFI)	AlphaChem Integral Waterproofer XEINT J9P0-Q001-X00N-VSDT	
	Nanoform	The product does not contain nand	oparticles.
1.2	Relevant identified uses of the substance or mixture and uses advised against Identified Use(s) Uses advised against	Professional use. Construction ma No information available.	terials additives.
1.3	Details of the supplier of the safety data sheet		
	Company Identification	Cromar Building Products Limited Units 1,3,4,5 Northside Industrial F Selby Road Whitley Bridge North Yorkshire DN14 0GH	Park,
	Telephone	United Kingdom 01977 663133	
	E-mail (competent person)	sales@cromar.uk.com	
1.4	Emergency telephone number		
1.4	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
	ι υ ,		Healthcare Professionals ONLY
	NHS 24	111	Members of Public
	Languages spoken	English	
SECTIO	ON 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 Irrit. 2; H315 Eye Irrit. 2; H319	
2.2	Label elements	The retained CLP Regulation (EU)	No 1272/2008, as amended for Great Britain

Product name Contains:

Hazard Pictogram(s)

The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britai Integral Waterproofer Not applicable



Signal Word(s)

Hazard Statement(s)

Precautionary Statement(s)

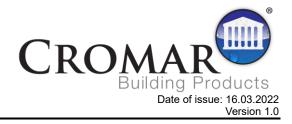
Warning

H315: Causes skin irritation. H319: Causes serious eye irritation.

P264: Wash hands and exposed skin thoroughly after handling. P280: Wear protective gloves/protective clothing and eye/face protection. P362: Take off contaminated clothing and wash it before reuse. P302+P352: IF ON SKIN: Wash with plenty of water.

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P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P317: If eye irritation persists: Get medical help.

Supplemental information

None Known

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 substance	%W/W	CAS No.	EC No.	UK-REACH Registration No.	Hazard classification
Sodium hydroxide	1 - 5	1310-73-2	215-185-5	01-2119457892-27- 0035	Met. Corr. 1; H290 Skin Corr. 1A; H314
Sodium silicate	2 - 5	15859-24-2	239-981-7	Not yet assigned in the supply chain	Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335

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	Ensure adequate ventilation. Avoid breathing vapours. Avoid contact with skin and
		eyes. Contaminated clothing should be laundered before reuse.
	Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
		Remove patient from exposure, keep warm and at rest. Call a POISON
		CENTER/doctor if you feel unwell.
	Skin contact	IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing
		before reuse. If skin irritation or rash occurs: Get medical advice/attention.
	Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove 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 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	Causes eye irritation. Causes skin irritation.
	and delayed	
4.3	Indication of any immediate medical attention and	Treat symptomatically.
	special treatment needed	

SECTION 5: FIREFIGHTING MEASURES

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5.3 Advice for firefighters

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.

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roducts

Version 1.0

Date of issue: 16.03.2022

SECTION 6: ACCIDENTAL RELEASE MEASURES

	Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation. Stop leak if safe to do so. Eliminate all ignition sources if safe to do so. Use personal protective equipment as required. Avoid broothing variance See Section 9
6.2	Environmental precautions	breathing vapours. 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
6.3	Methods and material for containment and cleaning up	alerted to the Environment Agency or other appropriate regulatory body. 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.
6.4	Reference to other sections	See Section: 8, 13

7.1	Precautions for safe handling	Ensure adequate ventilation. Do not breathe vapour. 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. See Section: 8.
7.2	Conditions for safe storage, including any incompatibilities	Keep only in original container. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. Keep away from direct sunlight.
	storage temperature	Keep cool. Protect from sunlight.
	Incompatible materials	None Known
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/m³)	STEL (ppm)	STEL (mg/m³)	Note
sodium hydroxide	1310-73-2	-	-	-	2	-

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

Note:

Carc - Capable of causing cancer and/or heritable genetic damage.

Sk - Can be absorbed through skin.

BMGV - Biological monitoring guidance value.

Ireland

SUBSTANCE	CAS No.	Occupational Exposure Limit Value		Occupational Exposure Limit Value		Notes
		(8-hour reference period)		(15-minute reference period)		
		ppm	mg/m³	ppm	mg/m³	
sodium hydroxide	1310-73-2	-	-	-	2	-

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: BOELV: Binding Occupational Exposure Limit Value IOELV: Indicative Occupational Exposure Limit Value

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Sk: Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body. Sens.: In the workplace respiratory or dermal exposures to sensitising agents may occur. Sensitizers may evoke respiratory or dermal reactions. Carc. 1B: Substances presumed to have carcionogenic potential for humans.

8.1.2	Biological limit value	Not established
8.1.3	PNECs and DNELs	Not established
8.2 8.2.1	Exposure controls Appropriate engineering controls	Ensure adequate ventilation. Atmospheric levels should be controlled in compliance with the occupational exposure limit. A washing facility/water for eye and skin cleaning purposes should be present.
8.2.2	Individual protection measures, such as personal protective equipment	General hygiene measures for the handling of chemicals are applicable. Keep good industrial hygiene. Avoid all contact. Avoid breathing vapours. Wash hands before breaks and after work. Keep work clothes separately. Do not eat, drink or smoke at the work place.

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.

protection with side protection.



Skin protection



Respiratory protection



Hand protection:

Wear impervious gloves. Gloves should be changed regularly to avoid permeation problems. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

Wear protective eye glasses for protection against liquid splashes. Wear eye

Body protection: Wear work clothes with long sleeves.

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 propertie	S
	Appearance	Liquid
	Odour	Characteristic
	Odour threshold	No data available
	pH	9.1 – 9.3
	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
	Upper/lower flammability or explosive limits	No data available
	Vapour pressure	No data available
	Vapour density	No data available

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> Relative density Solubility(ies) Partition coefficient: n-octanol/water Auto-ignition temperature Decomposition temperature Viscosity Explosive properties Oxidising properties

9.2 Other information

No data available Not explosive No data available

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

1

10.2 **Chemical stability**

- Possibility of hazardous reactions 10.3
- Conditions to avoid 10.4
- 10.5 Incompatible materials 10.6 Hazardous decomposition products

Stable under normal conditions. Stable under normal conditions. Stable under normal conditions. Keep only in original container. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. Keep away from direct sunlight. Keep cool. Protect from sunlight. In case of fire: Toxic fumes may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effect	S	
	Acute toxicity - Ingestion		Mixture: Based upon the available data, the classification criteria are not met.
			Acute Toxicity Estimate Mixture Calculation: Estimated LD50 (oral, rabbit)
			mg/kg: > 300 mg/kg bw
	Acute toxicity - Inhalation		Mixture: Based upon the available data, the classification criteria are not met.
			Acute Toxicity Estimate Mixture Calculation: Estimated LC50 (rat) g/m ³ > 2
	Acute toxicity - Skin contact		Mixture: Based upon the available data, the classification criteria are not met.
			Acute Toxicity Estimate Mixture Calculation: Estimated LD50 (skin,rat) mg/kg:
			>5.000
	Skin corrosion/irritation		Mixture: Skin Irrit. 2; H315: Causes skin irritation.
		Sodium hydroxide	Skin Irrit. 2; H315: Causes skin irritation.
			Test Result; Corrosive (OECD 435)
			ECHA registration dossier
		Sodium silicate	Skin Irrit. 2; H315: Causes skin irritation.
			Corrosive to rabbit skin OECD 404
			ECHA registration dossier
	Serious eye damage/irritation		Mixture: Eye Irrit. 2; H319: Causes serious eye irritation.
		Sodium hydroxide	
			Test Result; İrritant (Rabbit) (OECD 405)
			ECHA registration dossier
		Sodium silicate	Eye Irrit. 2; H319: Causes serious eye irritation.
			Irreversible effects on the eye (rabbit)
			ECHA registration dossier
	Respiratory or skin sensitisation		Mixture: Based upon the available data, the classification criteria are not met.
	Germ cell mutagenicity		Mixture: Based upon the available data, the classification criteria are not met.
	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

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



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	Sodium hydroxide	e LC50 (fish) mg/l; 35 – 189
		ECHA registration dossier
	Sodium silicate	e LC50 (fish) mg/l (96h); 1108
		Existing Safety Data Sheet (SDS)
12.2	Persistence and degradability	Based upon the available data, the classification criteria are not met.
	Sodium hydroxide	 Not applicable for inorganic substances.
		Source: ECHA registration dossier for sodium hydroxide
	Sodium silicate	 Not applicable for inorganic sutbstances.
		Existing Safety Data Sheet (SDS)
12.3	Bioaccumulative potential	Based upon the available data, the classification criteria are not met.
	Sodium hydroxide	The substance has low potential for bioaccumulation.
		Source: ECHA registration dossier for sodium hydroxide
	Sodium silicate	The substance has no potential for bioaccumulation.
		Existing Safety Data Sheet (SDS)
12.4	Mobility in soil	Based upon the available data, the classification criteria are not met.
	Sodium hydroxide	No information available.
	Sodium silicate	No information available.
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)

 13.2 Additional information

This material and its container must be disposed of as hazardous waste. Dispose of wastes in an approved waste disposal facility. None Known

SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

		ADR/RID	IMDG	IATA/ICAO
14.1	UN number	None assigned	None assigned	None assigned
14.2	UN proper shipping name	None assigned	None assigned	None assigned
14.3	Transport hazard class(es)	None assigned	None assigned	None assigned
14.4	Packing group	None assigned	None assigned	None assigned
14.5	Environmental hazards	Not classified	Not classified	Not classified as a Marine Pollutant.
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	Sodium hydroxide: Restricted substances
15.1.2	National regulations	Not restricted
15.2	Chemical Safety Assessment	A REACH chemical safety assessment has not been carried out.

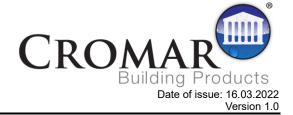
SECTION 16: OTHER INFORMATION

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

References:

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Existing Safety Data Sheet (SDS) for Sodium Silicate (CAS No. 15859-24-2) and sodium hydroxide (CAS No. 1310-73-2) Existing ECHA registration(s) for Sodium Silicate (CAS No. 15859-24-2) and sodium hydroxide (CAS No. 1310-73-2)

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 Irrit. 2; H315	Additivity Method
Eye Irrit. 2; H319	Additivity Method

Legend

Legenu	
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	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:

Met. Corr. 1; Metal Corrosive, Category 1 Skin Corr. 1A ; Skin corrosion/irritation, Category 1A Skin Irrit. 2; Skin corrosion/irritation, Category 2 Eye Irrit. 2; Eye Irritation, Category 2 STOT SE 3; Specific Target Organ Toxicity — Single Exposure, Category 3

Hazard Statement(s)

H290: May be corrosive to metals.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.

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.