

Safety Data Sheet

Section 1: Identification of substance/mixture and of company/undertaking

1.1 Product Identifier

Trade Name: Prime-a-Pump

Synonyms: none

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

Recommended Uses: Concrete Pump Primer

1.3 Details of the supplier of the safety data sheet

Company: Prime-a-Pump Ltd

Address: Unit 10 Howe Lane
White Waltham, Maidenhead
SL6 3JP, United Kingdom

Telephone: +44 (0) 118 934 3999

Email: info@primeapump.co.uk

1.4 Emergency telephone number: +44 (0) 118 934 3999

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to 1272/2008/EC:

Physical Hazards: Not Classified
Health Hazards: Eye irritation 2A H319

Environmental Hazards: Not Classified
Most serious harmful effects: Eye Irritation

2.2. Label elements

Labelling according to 1272/2008/EC:



Signal Words : Warning

Hazard Statements:	H319: Causes Serious Eye Irritation
Precautionary Statements	P261: Avoid breathing dust P262: Do not get in eyes, on skin P270: Do not eat, drink or smoke when using this product. P280: Wear protective gloves/eye protection P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing
Supplemental label information	none
Supplementary precautionary statements	none

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

Section 3: Composition/information on ingredients

3.1 This product is a mixture

3.2 Mixtures

Hazardous substances

Name	Numerical identifiers	Concentration limits	Classification
Sodium Carbonate	CAS 497-19-8 EINECS 011-005-00-2 REACH 01-2119485498-19-XXX	30-60%	Eye Irritation 2A H319

Section 4: First aid measures

4.1 Description of first aid measures

General advice	Show this material safety data sheet to the clinician in attendance
Inhalation:	Move to fresh air, obtain medical attention if symptoms persist
Skin Contact:	Remove any contaminated clothing. Rinse skin with water. Consult a physician if skin irritation persists
Eye Contact:	Rinse with water. Remove contact lenses
Ingestion:	Drink water and obtain medical attention if symptoms occur

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	Respiratory irritation
Eye contact	Irritation and watering
Ingestion	Digestive tract irritation including nausea

Information for Health Personnel: No further information

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

Specific details on antidotes: Not known

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable media Use media suitable to the main fire source.

Inappropriate extinguishing media Avoid use of high-pressure water jet that may spread the fire.

5.2 Special hazards arising from the substance or mixture Carbon oxides

5.3 Advice for firefighters: Wear self-contained breathing apparatus and avoid skin contact.

5.4 Further Information: Apply measures applicable to the main fire source.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhaling dust. Avoid substance contact. Ensure adequate ventilation. Prevent disturbance and raising dust
For personal protection see section 8.

6.2 Environmental precautions

Contain spillage and recover to labelled containers. Do not wash to drains.

6.3 Methods and material for containment and cleaning up:

Contain spillage prevent dust creation, collect and transfer to containers for recovery or disposal. The product contains component that can create slippery surfaces if wet.

6.4 Reference to other sections:

For personal protection see section 8

For disposal see section 13

Section 7: Handling and storage

7.1 Precautions for safe handling

Use only as per instruction for the use intended. Handle only in a well-ventilated area. Avoid skin and eye contact. Avoid formation of dust.

See section 8 for PPE recommendations.

7.2 Conditions for safe storage, including any incompatibilities

Store in dry conditions in closed containers.

7.3 Specific end use(s) Priming concrete pumps

7.4 Conditions to Avoid None specified

Section 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with workplace controls

Contains no substances with workplace controls

Occupational exposure limits (Nuisance dusts)

Long term exposure limit (WEL) (8hr TWA)	10ppm(inhalable) UK EH40
	4ppm/ (respirable) UK EH40

8.2 Exposure Controls

Safety signs



Engineering controls:	Use in well ventilated area
Respiratory Protection:	Recommended filter type : P2
Hand protection:	Nitrile rubber gloves of sufficient thickness to withstand the mechanical requirements of the task
Eye / face protection:	Wear safety glasses to appropriate regulatory standard(HSE UK, EU, NIOSH). E.g., EN166(EU/UK), NIOSH(US)



Skin protection:

When handling this material, a full body coverall is recommended.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Powder
Colour:	White to grey
Odour:	Odourless
pH:	12 at 106 g/l at 25 °C (77 °F)
Relative density	Not available
Flash Point:	Not applicable
Flammability Range:	Not established

Miscibility with Water: Partial

9.2 Other information: None

Section 10: Stability and reactivity

10.1 Reactivity	When stored and used as directed there are no identified reaction hazards.
10.2 Chemical stability	This product is chemically stable under ambient condition. It is hygroscopic and will absorb atmospheric water if containers are left open.
10.3 Possibility of hazardous reactions	None identified
10.4 Conditions to avoid	Damp conditions
10.5 Incompatible materials	Strong acids
10.6 Hazardous decomposition products	Carbon dioxide in contact with acids

11.0 Information on toxicological effects

11.1 General Information:

Information on likely routes of Exposure

Sodium carbonate

Inhalation:	Acute inhalation toxicity:	LC50 Inhalation- Rat-male -2hr-2300mg/l (ECHA)
Ingestion:	Acute oral toxicity :	LD50 Oral-Rat-male and female-2800mg/kg (ECHA)

Skin Contact:	Acute dermal toxicity :	LD50 dermal-Rabbit>3500mg/kg (US-EPA)
Skin corrosion/irritation:		Rabbit-No skin irritation-4h (OECD test guideline 404)
Eye Contact:	Irritation/Damage	Rabbit-Eye irritation (US-EPA)
	Respiratory or skin sensitization	No data available
	Germ cell mutagenicity	No data available
	Carcinogenicity	No data available
	Reproductive toxicity	No data available
	Specific target organ toxicity - single exposure	No data available
	Specific target organ toxicity - repeated exposure	No data available
	Aspiration hazard	No data available
Acute and Chronic Health Hazards:		Eye irritation
Medical Symptoms:		Nausea, acute gastric discomfort
Medical Considerations:		No additional information

Section 12: Ecological information

12.1	Toxicity Sodium Carbonate	
	Toxicity to fish	static test LC50 - Lepomis macrochirus (Bluegill sunfish) - 300 mg/l- 96 h Remarks: (ECHA)
	Toxicity to daphnia and other aquatic invertebrates	semi-static test EC50 - Ceriodaphnia (water flea) - 220 - 227 mg/l -48 h Remarks: (ECHA)
	Toxicity to algae	No data
	Toxicity to bacteria	No data
12.2	Persistence and degradability	The methods for determining the biological degradability are not applicable to inorganic substances
12.3	Bio accumulative potential	No data available
12.4	Mobility in soil	No data available
12.5	Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher
12.6	Other adverse effects	No data available

Section 13: Disposal considerations

13.1 Waste treatment methods:

General Information

Disposal Method

Product: Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Contaminated packaging: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: Transport information

Land transport (ADR/ADN/RID)

14.1	UN number	Not dangerous goods
14.2	UN proper shipping name	
14.3	Transport hazard class(es)	
14.4	Packing group	
14.5	Environmental hazards	
14.6	Special precautions for user	

Air transport (IATA)

14.1	UN number	Not dangerous goods
14.2	UN proper shipping name	
14.3	Transport hazard class(es)	
14.4	Packing group	
14.5	Environmental hazards	

Sea transport (IMDG/IMO)

14.1	UN number	Not dangerous goods
14.2	UN proper shipping name	
14.3	Transport hazard class(es)	
14.4	Packing group	
14.5	Environmental hazards	
14.6	Special precautions for user	
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not dangerous goods

Section 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
UK: EH40/2005 (Third edition; 2018)

Workplace exposure limits EH40 HSE UK

15.2 Chemical Safety Assessment

For this product a safety assessment has not been completed

Section 16: Other information**Safety Statements:**

H319: Causes Serious Eye Irritation.

Precautionary Statements:

P261 Avoid breathing dust

P262 Do not get in eyes, on skin

P270 Do not eat, drink or smoke when using this product

P280: Wear protective gloves/eye protection

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing.

Key literature references and sources for data: European Chemicals Agency, <http://echa.europa.eu/>

The mixture should not be used for purposes other than those described in section 1 of this document.

Further information The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



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Basis of classification: Regulation (EC) No 1272/2008 (as amended) plus associated guidance, amendment (EU) 2020/878 of 18 June 2020, GBCLP Regulation amendments.

Changes made in this Safety Data Sheet: None (original version)