

## SAFETY DATA SHEET

### Alkali Neutralising Powder

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name	Alkali Neutralising Powder
Product code	H9420, H9424, H9424/1

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

Identified uses	For neutralisation and absorption of alkali spillages
Use descriptors	Spill absorption
Uses advised against	None known

##### 1.3. Details of the supplier of the safety data sheet

Company and address	Guest Medical Limited Unit A6, Larkfield Trading Estate, New Hythe Lane, Aylesford. Kent. ME20 6SW T: +44(0) 1622 791895, (Hours 09:00- 17:00 Mon to Fri)
E-mail	<a href="mailto:technical@quest-medical.co.uk">technical@quest-medical.co.uk</a>
SDS Version	1.0
Revision date	10/01/2023

##### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24h service).  
See Section 4 "First Aid Measures"

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

Acute Tox. 5; H303, May be harmful if swallowed.

Skin Irrit. 2; H315, Causes skin irritation.

Eye Irrit. 2A; H319, Causes serious eye irritation.

##### 2.2. Label elements

###### Hazard Pictogram(s)



###### Signal word

Warning

###### Hazard statement(s)

H303, May be harmful if swallowed.

H315, Causes skin irritation.

H319, Causes serious eye irritation.

###### Safety statement(s)

###### General

P101, If medical advice is needed, have product container or label at hand.

P102, Keep out of reach of children.

## Prevention

P264, Wash hands thoroughly after handling.

P280, Wear protective gloves/protective clothing/eye protection/face protection.

## Response

P301 + P314, IF SWALLOWED: Get medical attention if you feel unwell

P302 + P352, IF ON SKIN: Wash with plenty of soap and water.

P332 + P313, If skin irritation occurs, get medical advice/attention.

P362 + P364, Take off contaminated clothing and wash before reuse.

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 + P313, If eye irritation persists, get medical advice/attention.

## Storage

P233, Keep container tightly closed.

P402, Store in a dry place.

## Disposal

P501, Dispose of contents/container in accordance with local, state or national regulation.

## Hazardous substances

Citric acid

## Additional labelling

Not applicable.

## 2.3 Other hazards

### Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Product / substance	Identifiers	% w / w	Classification	Notes
Citric acid	CAS No: 77-92-9 EC No: 201-069-1	60-100%	Acute Tox. 5; H303 Skin Irrit. 2, H315 Eye Irrit. 2A; H319	Hazard pictogram: GHS07

Contains no non-classified vPvB substances or substances with a Union workplace exposure limit.  
See full text H-phrases in Section 16. Occupational exposure limits are listed in Section 8, if available.

### 3.2. Mixtures

Not applicable. This product is a substance.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### Inhalation

In case of inhalation of dust, remove to fresh air.

#### Ingestion

If the person is conscious, give them 2 glasses of water. Do NOT induce vomiting. Get medical advice/attention.

#### Skin contact

Rinse with water. Remove and wash contaminated clothing before reuse.

## Eye contact

Flush eyes with large amounts of water for 15 minutes. If irritation persists seek medical attention.

## 4.2 Most important symptoms and effects, both acute and delayed

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or nose, throat and mucous membranes. Treat symptomatically.

## 4.3 Indication of any immediate medical attention and special treatment needed

Get medical advice/attention if you feel unwell. Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

As appropriate for surrounding fire.

#### Unsuitable extinguishing media

None.

### 5.2. Special hazards arising from the substance or mixture

None.

### 5.3. Advice for firefighters

As appropriate for surrounding fire.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Ensure adequate ventilation. Avoid dust generation. Avoid inhalation of dust.

### 6.2. Environmental precautions

Do not let product enter into drains.

### 6.3. Methods and material for containment and cleaning up

Wear gloves and eye protection. Collect spills carefully and place in suitable closed containers for disposal. Sweep up dry. Avoid generation and spreading of dust. Flush away residues as per local regulations.

### 6.4. Reference to other sections

See Section 8 "Exposure controls / personal protection" for protective measures

See Section 13 "Disposal considerations" on handling of waste.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes.

See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be tightly closed.

#### Recommended storage material

Keep only in original packaging.

#### Storage temperature

Ambient temperature and humidity, in original packaging securely closed. Store in a dry location.

## Incompatible materials

Under normal conditions of storage and use, no hazardous reactions will occur.

## Specific end use(s)

This product should only be used for applications quoted in Section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

#### DNEL

No data available

#### PNEC

No data available

### 8.2. Exposure controls

#### Appropriate engineering controls

General ventilation is adequate.

#### Measures to avoid environmental exposure


Do not allow product to enter drains.

#### Individual protection measures, such as personal protective equipment


##### Generally

Use only UKCA marked protective equipment.


##### Respiratory protection

Type	Class	Colour	Standards	
Respirator with dust filter type P1 if handling in large quantities	Not specified.	Not specified.	EN143, EN405.	

##### Skin protection

Material	Glove thickness (mm)	Breakthrough time (min)	Standards	
Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible	As specified for glove type specified through individual use risk assessment.	As specified for glove type specified through individual use risk assessment.	EN374.	

##### Eye / face protection

Type	Standards	
Chemical splash goggles or face shield, if an in-use risk assessment specifies it is necessary.	EN166. As determined by specific, an in-use risk assessment. Under normal domestic and professional use, standard safety spectacles are adequate.	

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Physical state	Powder
Colour	Light Yellow
Odour	Odourless
Melting point / freezing point (°C)	Not applicable
Boiling point (°C)	Not applicable
Flammability (°C)	Not known
Lower and Upper explosion limit (% v/v)	Not applicable
Flash point (°C)	Not applicable
Auto-ignition temperature (°C)	Not applicable
Decomposition temperature (°C)	Not applicable
pH	2.2 @ 2%
Kinematic viscosity	Not applicable
Solubility	Freely soluble in water
Partition coefficient	Not known
Vapour pressure	Not applicable
Density and / or relative density	Not applicable
Relative vapour density	Does not apply to solids
Particle characteristics	Not known

### 9.2. Other information

Evaporation rate ( <i>n-butylacetate</i> = 100)	Not applicable
Other physical and chemical properties	No data available

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

None anticipated.

### 10.2. Chemical Stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

Reacts with alkali to produce neutral salts.

### 10.4. Conditions to avoid

When wet, it will react with metals.

### 10.5. Incompatible materials

Hypochlorites.

### 10.6. Hazardous decomposition products

No data available.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

#### Acute toxicity

May be harmful if swallowed.

#### Skin corrosion / irritation

May cause irritation.

#### Serious eye damage

Causes serious eye irritation.

#### Respiratory sensitisation

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

#### Skin sensitisation

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

#### Germ cell mutagenicity

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

#### Carcinogenicity

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

#### Reproductive toxicity

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

#### STOT – single exposure

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

#### STOT – repeated exposure

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

#### Aspiration hazard

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

### 11.2 Information on other hazards

#### Long term effects

None known.

#### Endocrine disrupting properties

None known.

#### Other information

None known

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Product/substance</b>	Sodium carbonate	Sodium carbonate
<b>Species</b>	Leuciscus idus	Daphnia magna
<b>Duration</b>	96 hours	72 hours
<b>Test</b>	LC50	LC50
<b>Result</b>	440-760 mg/L	120 mg/L

### 12.2. Persistence and degradability

Readily biodegradable.

### 12.3. Bioaccumulative potential

No data available.

## 12.4. Mobility in soil

No data available.

## 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

## 12.6. Endocrine disrupting properties

None known.

## 12.7. Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Dispose of the material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

#### Specific labelling

Not applicable.

#### Contaminated Packaging

Packaging containing residues of the product must be disposed of similarly to the product. Dispose of as unused product.

## SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 Packing group	14.5 Environmental hazards	Other information
	Not applicable	Not applicable	Not applicable	Not applicable	Not classified as a marine pollutant	None

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to IMO instruments

No data available.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Restrictions for application

None listed.

#### Restriction on use

Not listed.

#### National regulations

Not listed.

#### Sources

Community Rolling Action Plan (CoRAP) Regulation (EU) No 2019/1021 of the European Parliament and of the Council on persistent organic pollutants.

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer.

Regulation (EU) No 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

## 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### General information

Revision date 10.01.2023

Revision 1.0

### Indication of changes

N/A

### Full text of H-phrases as mentioned in Section 3

Acute Tox. 5; H303, Acute toxicity, Category 5. May be harmful if swallowed.  
Eye Irrit. 2A; H332, Eye Irritation Category 2A. Causes serious eye irritation.

### Abbreviations and acronyms

ATE = Acute Toxicity Estimate.

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DNEL = Derived No Effect Level

EC = European Community

EINECS = European Inventory of Existing Commercial chemical Substances

LC50 = 50% Lethal Concentration

LTEL = Long term exposure limit

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.  
(Marpol = marine pollution)

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

REACH = Registration, Evaluation, Authorisation and Restriction of Chemical Substances

STEL = Short term exposure limit

STOT = Specific Target Organ Toxicity

vPvB = Very Persistent and Very Bioaccumulative

### Additional Information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

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