



# Guest Medical

## SAFETY DATA SHEET Acid Neutralising Powder

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

#### 1.1. Product identifier

**Product name:** Acid Neutralising Powder Code: H 9420 (AC)

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

**Identified uses:** Part of the Guest Chemical Spill Kit - for neutralising acid spills when used according to instructions.

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

**Supplier**

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)

F: +44(0) 1622 716309

[enquiries@guest-medical.co.uk](mailto:enquiries@guest-medical.co.uk)

**Emergency telephone number:** +44(0) 1622 791895, (Hours 09:00- 17:00 Mon to Fri - English language service only)

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No 1272/2008

Eye irritation (Category 2), H319

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### 2.2. Label elements

##### Pictogram



##### Signal word

Warning

##### Hazard statements

H303 May be harmful if swallowed.

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

##### Precautionary statements

P262 Avoid contact with eyes and skin.

P280 Wear protective gloves/ eye protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Supplemental Hazard Statements:** none

#### 2.3 Other hazards

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

## Acid Neutralising Powder

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

**Formula:**  $\text{Na}_2\text{CO}_3$   
**Molecular weight:** 105.99 g/mol  
**CAS-No:** 497-19-8  
**EC-No:** 207-838-8  
**Index-No.** 011-005-00-2

#### Hazardous ingredients according to Regulation (EC) No. 1272/2008

Component	Classification	Concentration
<b>Sodium Carbonate</b>		
CAS-No: 497-19-8 EC-No: 207-838-8 Index-No. 011-005-00-2	Eye Irrit. 2; H319	60-100%

For the full text of the H- statements and R Phrases mentioned in this section, see Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General advice:**

Consult a physician. Show this data sheet to the doctor in attendance.

**Inhalation:**

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

**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.

**Ingestion**

Give 2 glasses of water; and do not induce vomiting; seek immediate medical attention.

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

**Skin Contact**

May cause mild irritation.

**Eye Contact**

May cause severe irritation.

**Inhalation**

Dust or solution mist may cause irritation of nasal passages.

**Ingestion**

May cause gastrointestinal discomfort.

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

No data available

**Acid Neutralising Powder****SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Non-flammable.

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

No data available

**5.3. Advice for firefighters Protective actions during firefighting**

Not applicable

**5.4. Further information**

No data available.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection, see section 8.

**6.2. Environmental precautions Environmental precautions**

Do not let product enter drains.

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

Pick up and arrange for disposal without creating dust. Sweep up and shovel. Keep in suitable closed containers for disposal.

**6.4. Reference to other sections**

For disposal see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2

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

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**7.3. Specific end use(s)**

See section 1.2

**SECTION 8: Exposure Controls/personal protection****8.1. Control parameters****Components with workplace parameters**

Contains no substances with occupational exposure limit values

**8.2 Exposure controls Protective equipment****Appropriate engineering controls**

Handle in accordance with good industrial hygiene & safety practice. Wash hands before breaks and at the end of the workday

**Eye/face protection**

Safety glasses with side shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).

## Acid Neutralising Powder

### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

### Body Protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Environmental exposure controls

Do not allow product to enter drains.

## SECTION 9: Physical and Chemical Properties

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

a) Appearance Form:	powder
Colour:	pink
b) Odour:	No data available
c) Odour Threshold:	No data available
d) pH	11.4 @ 1%
e) Melting point/freezing point:	Melting point/range: 851 °C
f) Initial boiling point:	No data available
g) Flash point:	No data available
h) Evaporation rate:	No data available
i) Flammability (solid, gas):	No data available
j) Upper/lower flammability or explosive limits:	No data available
k) Vapour pressure:	No data available
l) Vapour density:	No data available
m) Relative density:	No data available
n) Water solubility:	100 (% W/W)
o) Partition coefficient: noctanol/water:	No data available
p) Auto-ignition temperature:	No data available
q) Decomposition temperature:	No data available
r) Viscosity:	No data available
s) Explosive properties:	No data available

### 9.2 Other safety information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

Will react with acidic materials.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

Strong acids

### 10.6. Hazardous decomposition products

CO<sub>2</sub> is generated as a by-product of the acid neutralization reaction. When used to neutralise acids in enclosed spaces, make sure that adequate ventilation is provided to maintain CO<sub>2</sub> levels below hazard standards.

## Acid Neutralising Powder

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Acute toxicity**

LD50 Oral - Rat – 2.8 g/kg

**Skin corrosion/irritation**

May cause mild irritation.

**Serious eye damage/eye irritation**

May cause severe Irritation.

**Respiratory or skin sensitisation**

Dust may cause irritation of nasal passages.

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

No data available

### SECTION 12: Ecological Information

**Ecotoxicity.****12.1 Toxicity**

Toxicity to fish LC50

- Fingerling Rainbow Trout LC 50 - >100 mg/l - 96 h

**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 substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (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****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging**

Dispose of as unused product.

## Acid Neutralising Powder

### SECTION 14: Transport information

<b>14.1 UN number:</b>	ADR/RID: -	IMDG: -	IATA: -
<b>14.2 UN proper shipping name:</b>	ADR/RID: Not dangerous goods	IMDG: Not dangerous goods	IATA: Not dangerous goods
<b>14.3 Transport hazard class(es):</b>	ADR/RID: -	IMDG: -	IATA: -
<b>14.4 Packaging group:</b>	ADR/RID: -	IMDG: -	IATA: -
<b>14.5 Environmental hazards:</b>	ADR/RID: no	IMDG Marine pollutant: no	IATA: no
<b>14.6 Special precautions for user:</b>	No data available		

### SECTION 15: Regulatory information

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

##### National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

##### EU legislation

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). 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).

##### Guidance

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

#### General information

<b>Revision date</b>	14. 11. 2017
<b>Revision</b>	3
<b>Supersedes date</b>	01.04.2015
<b>SDS number</b>	10514

#### Full text of H-Statements referred to under sections 2 and 3.

H303 May be harmful if swallowed.  
H316 Causes mild skin irritation.  
H319 Causes serious eye irritation.

#### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.