

SAFETY DATA SHEET
SDS001/ACN: ALKALINE NEUTRALISER

Prepared in accordance with Annex II of the REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008

1. Identification of the Substance/Preparation and Company/Undertaking

1.1 Product Identifier

Preparation Commercial Name: **Vytac CS Powder, Alkaline Neutraliser**

1.2 Relevant identified uses and uses advised against

Neutralisation of small spills of alkalines

1.3 Details of the supplier of the safety data sheet

Darcy Products, details as above

1.4 Emergency contact

Emergency telephone: 01732 762338

Emergency email: engs@darcy.co.uk

2. Hazards Identification:

2.1 Classification of the substance or mixture in compliance with Regulation (EC) 1272/2008 (CLP Regulations)

Serious Eye Damage/eye irritation - Eye irritation category 2

2.2 Label Elements (In compliance with Regulation (EC) 1272/2008 (CLP Regulations))

Hazard Pictograms:
Signal Word:



WARNING

Hazard Statements:

H319 Causes serious eye irritation
H315 Causes skin irritation
H302 Harmful if swallowed

Precautionary Statements:

P264 Wash hands thoroughly after handling
P280 Wear eye protection and protective gloves
P305 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.
P302 IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs get medical advice/attention.
P301 IF SWALLOWED: Get medical attention if you feel unwell.

Hazardous substances:

Citric Acid (CAS 77-92-9)

Revision Date: 18/12/2018

3. **Composition/Information on Ingredients**

3.1 Substances

Contains: 60-100% Citric Acid
CAS no: 77-92-9

Hazard statement as above

4. **First Aid Measures**

4.1 Description of first aid measures

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 water; and do not induce vomiting; seek immediate medical attention
Inhalation: Remove to fresh air.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: May cause mild irritation
Eye contact: May cause severe irritation
Ingestion: May cause gastrointestinal discomfort
Inhalation: Dust may cause irritation of nasal passages

4.3 Indication of any immediate medical attention and special treatment needed

n/a

5. **Fire-Fighting Measures**

This product is non-combustible.

5.1 Extinguishing media

N/A

5.2 Special hazards arising from the substance or mixture

N/A

5.3 Advice for firefighters

N/A

6. **Accidental Release Measures:**

6.1 Personal precautions, protective equipment, and emergency measures

Wear gloves and eye protection

Revision Date: 18/12/2018

6.2 Environmental precautions

In wet conditions, will dissolve in water - Prevent from entering drains, water courses

6.3 Methods and material for containment and cleaning up

Recover as much as possible using any convenient means. Recovered material is usable as long as it is not contaminated with incompatible materials.

7. Handling and Storage:

Handling procedures and equipment: Avoid contact with skin and eyes.
Keep container closed when not in use.

Storage requirements: Store in dry location, avoid excessive temperatures.

8. Exposure Control and Personal Protection:

Gloves / type: Chemical resistant
Respirator / type: Dust filter mask (if handling large quantities)
Eye / type: Goggles
Clothing /type: Appropriate for the use environment
Other / type: Have access to eye bath
Ventilation: General ventilation is adequate.

NOTE: on removal after use, if contaminated with a pollutant, observe precautions applicable to the pollutant itself.

9. Physical and Chemical Properties

Physical Appearance: Light Yellow Powder	Odour: None
Specific Gravity: ~1.2	Vapour Pressure (Mm Hg @ 20c): N/A
Freezing Point (C): N/A	Solubility In Water (% W/W): 100
Ph (% Solution): 2.2 (2%)	% Volatile (Wt): < 1%
Flash Point (C): N/A	Flammability: Nil
Lel / Uel Limits (% By Vol): N/A	Decomposition Temp (C): N/A
Auto Ignition Temp(C): N/A	Viscosity: N/A
Partition Coeff. N-Octanol/Water: N/A	

10. Stability and Reactivity

Chemical stability:	Stable in absence of alkalis.
Incompatibility with other substances:	Will react with alkaline materials, heat may be generated. When wet, reacts slowly with metals. Reacts with hypochlorites.
Hazardous decomposition products:	Chlorine is generated on reaction with hypochlorites. Hydrogen is generated on reaction with metals.
Conditions to avoid:	Uncontrolled contact with alkalis.

11. Toxicological Information

Exposure limit of material:	N/A
Lc 50 of material, species and route:	N/A
Ld 50 of material, species and route:	3 gr / Kg (rat)

Revision Date: 18/12/2018

Carcinogenicity of material:	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, OSHA, NTP, ACGIH
Reproductive effects:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Primary symptoms /route of entry:	
Skin contact	May cause mild irritation
Eye contact	May cause severe irritation or burns to eyes
Inhalation	Dust or solution mist may cause irritation of nasal passages
Ingestion	May cause gastrointestinal discomfort
Sensitizing capability of material:	N/A
Synergistic materials:	N/A

12. Ecological Information

Mobility:	mobile when dissolved in water
Persistence and degradability:	biodegradable >95% in 2 days
Bioaccumulation:	N/A
Aquatic toxicity:	Leuciscus idus - 440- 760 mg/l - 96 h / Method: Daphnia magna (Water flea) - 120 mg/l - 72 h
WGK Class:	1

13. Disposal Considerations

Dispose of materials in accordance with appropriate legislation/regulations.

NOTE: If contaminated with a pollutant, observe disposal and safety considerations appropriate to the pollutant itself.

14. Transport Information

NOT regulated for any mode of transportation.

15. Regulatory Information

T.d.g. classification:	Not regulated under TDG
Un number:	n/a.
Packing group:	n/a

EU Regulation (EC) No. 1907/2206 (REACH)

Annex XIV	Not listed
Annex XVII	Not listed

16. Other Information

No effective change in hazard/risk parameters has occurred in this or any previous revision of this Data Sheet.

Disclaimer: every effort has been made to ensure the accuracy of the above information. However, neither Darcy Products Limited nor any person acting on behalf of Darcy Products Limited can be held responsible for the use which might be made of the above information, or for any omission therein. Users are responsible for carrying out their own risk assessments and taking appropriate precautions.

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