



CORROSIVE

MSDS Ref:
TR 213

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1. PRODUCT NAME

TRITON SALTS NEUTRALISER

2. HAZARD IDENTIFICATION



CORROSIVE

Corrosive – Causes burns

3. COMPOSITION

HAZARDOUS INGREDIENT	CAS Nos.	EC No.	Weight %	Symbols	Risk Phrases
Acetic Acid (50%)		200-580-7		C (Corrosive)	R34

4. FIRST AID

CONTACT WITH SKIN:	Rinse mouth with water. Do not induce vomiting. Administer water and seek medical attention immediately. Do not administer fluids to an unconscious person.
EYES:	Rinse immediately with plenty of clean water for at least 5 minutes and seek medical attention.
INHALATION:	Remove patient to fresh air. Keep warm and at rest. Seek medical attention immediately.
SKIN:	Remove contaminated clothing immediately and wash affected areas with copious quantities of soap and water (water alone if soap not available). If irritation or burning persists consult a doctor. Launder contaminated clothing before re-use.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:	Foam, Dry Chemical or CO2 or Waterfog.
PPE: FIRE:	Breathing apparatus and protective clothing.
PRODUCTS OF COMBUSTION:	Oxides of carbon and acidic fumes
PPE: SPILLAGE:	Breathing apparatus and protective clothing

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear suitable personal protective equipment. Remove or shut off source of leak. Absorb any spillage with sand, dry earth, Vermiculite or similar inert non-combustible material and place into suitable (HDPE, HDPP, stainless steel or glass) containers, correctly labelled to await disposal. Flush area with plenty of water. If the product has entered drains, waterways or sewers inform police, Fire Brigade or Environmental agency.
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7. HANDLING AND STORAGE

HANDLING PRECAUTIONS:

Wear suitable gloves (nitrile Or neoprene/pvc) and eye/face protection – see HSE Guidance Note HS (G) 71 Storage of Packed Dangerous Substances.

STORAGE INFORMATION:

Store in cool, dry conditions in an area provided with good neutral ventilation out of reach of children and away from foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



Ensure good ventilation in the working area. In case of poor ventilation wear suitable respiratory protection (air fed mask or respirator fitted with an acid fume cartridge). Wear suitable gloves (nitrile or neoprene/pvc rubber) and eye/face protection goggles giving complete eye protection or full face shield.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, Amber liquid	Oxidising Properties	Yes (Solid only)
Odour	Strongly pungent (of vinegar)	Auto Ignition	Not Known
pH	Acidic	Density	Approx 1.0
Boiling Point	Approx 100°C		(SPECIFY SOLVENT) N-Octanol/Water
Melting Point	N/A	Solubility in solvent	Insoluble
Explosive properties	Not Known	Solubility in water	Completely soluble
Flash Point	N/A	Partition Coefficient	N/A

10. STABILITY / REACTIVITY

STABILITY:

Stable and non-reactive If stored correctly.

CONDITIONS TO AVOID:

Rags or paper soaked in this material may cause or support combustion when dry,

MATERIALS TO AVOID:

Do not mix with alkali substances or other acids.
Dangerous reaction with Phosphorus Trichloride.

11. TOXICOLOGICAL INFORMATION

DES 10ppm – 8 hour TWA
-15ppm – STEL

LD₅₀ 3110 mg/kg RAT (Oral for Glacial Acetic Acid)
LD₅₀ 1060 mg/kg RABBIT (Skin for Glacial Acetic Acid)

EFFECTS OF ACUTE (OVER) EXPOSURE**SKIN:**

Burning sensation possibly leading to redness and some blistering at the site of contact.

EYES:

Burning sensation, watering.

INHALATION:

Cough followed by shortness of breath, wheezing, laryngitis and headache.

INGESTION:

Burning in the mouth and throat, headache, nausea and vomiting.

Medical Personnel should contact their nearest Poisons Unit for further advice.



12. ECOLOGICAL INFORMATION

DEGRADABILITY:	Acetic Acid readily degrades in both fresh and salt water.
ACCUMULATION:	No evidence of bioaccumulation
ECTOTOXICITY:	Slightly toxic to aquatic life. Do not allow waste product or empty container to contaminate streams, sewers or ditches.

13. DISPOSAL INFORMATION

DISPOSAL OF PRODUCT:	Disposal of Waste in accordance with the 'Environmental Protection Act 1980' at a waste disposal site approved and licensed by the local authority and operated by an approved competent and licensed waster disposal contractor.
DISPOSAL OF PACKAGING:	Fully cleaned empty containers may be sent for recycling. Duty of Care Waster Transfer should specify: Acetic Acid Solution 50%.

14. TRANSPORT INFORMATION

Packaging Group	11
Hazard Class	8
UN No	2790
TREM Card No	
Other Information	Carriage in accordance with 'The Carriage of Dangerous Goods by Road Regulations 1996'

15. REGULATORY INFORMATION

EEC	The Chemicals (Hazards Information and Packaging) Regulations 1995
Risk Symbol	C
Risk Phrase	434 Causes Burns
Safety Phrases	S2 Keep Out of Reach of Children S23 Do Not Breathe Fumes S26 In case of contact with eyes rinse with plenty of water and seek medical attention S45 In case of accident or if you feel unwell, seek medical attention immediately (show label where possible)

Refer to other relevant legislation such as Health and Safety at Work etc., Act (HSWA), the Control of Substances Hazardous to Health Regulations (COSHH), the Environment Protection Act and the Control of Pollution Act.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risk as required by health and safety legislation.



16. OTHER INFORMATION

Recommended uses and restrictions: Use only as directed

The Control of Substances Hazardous to Health (COSHH) 1998 will apply to this product if used at work.

NOTICE TO CUSTOMER:-

ENSURE ALL POTENTIAL USERS OF THIS PRODUCT ARE AWARE OF THIS SDS PRIOR TO USING THE PRODUCT.

KEEP SDS IN A SAFE PLACE READILY LOCATABLE IN CASE OF FUTURE REQUIREMENT.

READ THIS SDS IN CONJUNCTION WITH THE LABEL AND DIRECTIONS FOR USE ON THE PRODUCT CONTAINER.

DESTROY ALL OBSOLETE COPIES RELATING TO THIS PRODUCT

THIS SDS RELATES ONLY TO THE PRODUCT SPECIFIED.

COPIES OF THIS DOCUMENT ARE AVAILABLE ON REQUEST.

THIS SAFETY DATA SHEET IS BASED ON THE BEST OF CURRENT INFORMATION AND ADVICE AVAILABLE TO US AND IS BELIEVED TO BE TRUE AND ACCURATE. NO LIABILITY CAN BE ACCEPTED FOR LOSS, DAMAGE OR INJURY AS CONDITIONS OF USE ARE OUTSIDE OUR CONTROL. THIS IS NOT A TECHNICAL SPECIFICATION.

The data contained herein does not constitute a specification. Such information is available from the technical data sheet for the product.

The information contained in this data is to the best of our knowledge accurate at the date of publication, but we cannot accept responsibility that it is sufficient or correct in all cases.

Abbreviations: OES – occupational exposure standard. STEL – short-term exposure limit. LTEL – long term exposure limit. TWA – time weighted (8 hour) average. LEL – lower explosive limit. UEL – upper explosive limit.