



Salt Neutraliser

Safety Data Sheet

(17th April 2012)

(version 1)

Product Identification

Trade Name:	Salt Neutraliser
Description:	Aqueous solution to overcome salting in mineral building surfaces.

Hazardous Ingredients

Component	CAS No.	Classification	Concentration
Acetic Acid	64-19-7	R10 C; R34	25-50%

Hazard Identification

Hazard Designation:	Corrosive.
Health:	Causes severe burns. Causes severe respiratory tract burns. Severely corrosive to the digestive tract.
Environmental:	Not classified as dangerous.

Emergency and First Aid

After Eye Contact:	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Obtain medical attention immediately.
After Skin Contact:	Immediately wash exposed skin with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention immediately.
After Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention immediately.
After Ingestion:	DO NOT INDUCE VOMITING unless directed so by medical personnel. Never give anything by mouth to an unconscious person. Obtain medical attention immediately. If swallowed rinse mouth with water (only if person is conscious). If affected person is conscious, give a copious amount of water to drink.

Stability and Reactivity

Conditions to Avoid:	Avoid strong heat. This product should be stored away from oxidising materials and strong bases. Protect from freezing.
Materials to Avoid:	Reactive with metals, oxidising agents, reducing agents, alkalis, alcohols.
Hazardous Polymerisation:	No dangerous reactions known.
Hazardous Decomposition Products:	These products are carbon oxides (CO, CO ₂)(Carbon Monoxide, Carbon Dioxide)

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Exposure Control/Personal Protection

Exposure Controls:	EU OEL 4/2004 Acetic acid TWA 25mg/m ³ 10 ppm 8h.
Engineering Controls:	Ensure adequate ventilation of working areas.
Personal Protection:	Observe normal standards for handling chemicals. Avoid contact with skin and eyes. Wash hands before breaks and after work. Wear protective equipment appropriate to the task.
Skin Protection:	Butyl rubber gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken).
Respiratory Equipment:	Respirator if ventilation is judged to be insufficient.
Eye Protection:	Safety goggles (e.g. EN 166)
Other Protection:	Protective overalls.

Accidental Release Measures

Personal Precautions:	Keep unnecessary personnel away. Do not walk through spilled material. Use suitable protective equipment. Follow all fire fighting procedures specified in this document.
Environmental Precautions:	If emergency personnel are unavailable, contain spilled material. For small spilled clean up using absorbent materials (soil may be used in the absence of other suitable materials)

Ecological Information

Degradation/Elimination:	Readily biodegradable.
Bioaccumulation:	No evidence for bioaccumulation.
Ecotoxicity Acetic Acid:	LC50 Bluegill 75mg/l 96h.
Environmental Hazards:	Not classified as dangerous.
Other Ecological Information:	Expected to be slightly toxic to aquatic species because of acidity.

Handling and Storage

Advice on Safe Handling:	Don't get into eyes, on skin or on clothing. Use only in adequately ventilated area. Avoid breathing vapour or mist. Do not breathe vapour of mist.
Storage Conditions:	Store between 5 °C and 25 °C. Keep container in a cool, well ventilated area. Keep container tightly closed and sealed until ready for use.

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Toxicological Information

Acute Toxicity:	Severely corrosive to the eyes. Causes severe eye damage. Vapour is strongly irritating to the eyes and respiratory system. Severely corrosive to the skin. Causes severe skin burns. Severely corrosive to the respiratory system. Causes severe respiratory tract burns, sore throat, coughing, shortness of breath. Severely corrosive to the digestive tract. Causes severe burns to the mouth, throat and digestive tract.
Acute Toxicity:	LD50 Dermal Rabbit 1060 mg/kg
Acetic Acid:	LD50 Oral Rat 3310mg/kg
Chronic Toxicity:	Acetic Acid: Humans unacclimatised to acetic acid vapours experience extreme eye and nasal irritation at concentrations above 25ppm. Air concentrations of 50ppm are considered intolerable, causing intense eye weeping, nose and throat irritation.

Fire Fighting Measures

Extinguishing Media:	In case of fire, use water fog, alcohol resistant foam, dry chemical or carbon dioxide extinguisher or spray.
Special Exposure Hazards:	Carbon oxides (CO, CO ₂), (carbon monoxide, carbon dioxide). Flammable liquid or vapour. Vapours may form explosive mixtures with air. This material is not explosive as defined by established regulatory criteria.
Protective Measures in Fire:	Fire fighters should wear self contained positive pressure breathing apparatus (SCBA) and protective clothing.

Transport Information

UK Transport Information:	UK Transport Classification: Corrosive.
UN No:	2790.
IMDG Code:	Packing Group II, not classified as a marine pollutant.
RID/ADR:	Class 8, 32 (b)
IATA:	Class 8, Packing Group II.

Waste Disposal

Advice on Disposal:	Disposal of product and packaging should always comply with local and national regulations.
Contaminated Packaging:	Empty containers retain product residue and can be hazardous. Do not remove warning labels from containers.

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Physical and Chemical Properties:

Physical Form:	Mobile liquid
Colour:	Clear colourless.
Odour:	Pungent. Acidic.
pH:	Acidic.
Water Solubility:	Fully miscible.
Boiling Point (°C):	From 100 °C
Melting Point:	-5 to +5 °C
Flash Point:	n/a
Relative Density:	1.00-1.10
Viscosity:	n/a

Regulatory Information

Symbol:	Corrosive.
Risk Phrases:	R34.
Safety Phrases:	S26, S36/37/38, S45.

Information giving in this Material Safety Data Sheet does not constitute the user's own workplace risk assessment.

Disclaimer

The information in this document is offered for general health and safety guidance only and is not intended to be a definitive source of advice, nor does it constitute a risk assessment, for which the user is responsible. All information provided in this document is believed to be accurate to the best of our knowledge. Users of the products referred to should observe the recommendations, conditions and instructions relating to any relevant product label, usage information, consent or approval in force at the time. Further and more specific information may be obtained from the supplier on request (small fee may be required for this service). This company shall not be held liable for any damage resulting from handling or from contact with the above product