



SAFETY DATA SHEET

SALT

Page: 1

Compilation date: 23/02/2010

Revision date: 06/02/2015

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: SALT
CAS number: 7647-14-5
EINECS number: 231-598-3
Product code: 059/061/062
Synonyms: PDV SALT, GRANULAR SALT
SALT TABLETS, SODIUM CHLORIDE
VACUUM SALT

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

Use of substance / mixture: Water softener regeneration. Other applications. Although "pure" grade, the salt supplied may not always be suitable for food use. Please check the label. PC36: Water softeners.
PC37: Water treatment chemicals.

1.3. Details of the supplier of the safety data sheet

Company name: Multex Chemicals Ltd.
Multex House
Cannon Street
HULL
East Yorkshire
HU2 OAB
Tel: 01482 320432
Fax: 01482 321777
Email: info@multexchemicals.co.uk

1.4. Emergency telephone number

Emergency tel: 01482 320432
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

[cont...]

SAFETY DATA SHEET

SALT

Page: 2

2.3. Other hazards

Other hazards: Hygroscopic: readily absorbs water from air.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: SALT

CAS number: 7647-14-5

EINECS number: 231-598-3

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. If irritation persists seek medical advice

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If patient continues to feel unwell, seek medical advice.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Get medical attention if any discomfort continues

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

[cont...]

SAFETY DATA SHEET

SALT

Page: 3

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: For small spillages, Sweep up, and dispose of as non-hazardous waste. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Avoid contact with water or humidity. Store in a dry place. If outdoor storage is unavoidable, protect the bags with waterproof sheeting.

Suitable packaging: Polyethylene.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	10mg/m3 as dust	-	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Avoid the creation of dust. Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

[cont...]

SAFETY DATA SHEET

SALT

Page: 4

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Crystals or solid

Colour: White

Odour: Odourless

Evaporation rate: Not applicable.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Highly soluble

Boiling point/range°C: 1413

Melting point/range°C: 802

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: Not applicable.

Part.coeff. n-octanol/water: Not applicable.

Autoflammability°C: Not applicable.

Vapour pressure: 2.4mm Hg 747

Relative density: 2.165 g/ml

pH: 10.5 (10% solution)

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Strong Sulphuric or Nitric Acid

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

[cont...]

SAFETY DATA SHEET

SALT

Page: 5

Toxicity values:

Route	Species	Test	Value	Units
ORL	RAT	LD50	3000	mg/kg

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of as non-hazardous waste. Dispose of waste and residues in accordance with local authority requirements.

Disposal of packaging: Dispose of as normal industrial waste. Packaging is recyclable.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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SAFETY DATA SHEET

SALT

Page: 6

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.