

**SAFETY DATA SHEET**

ARCO DISHWASH SALT

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**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** ARCO DISHWASH SALT**CAS number:** 7647-14-5**EINECS number:** 231-598-3**Product code:** 55FH645**Synonyms:** GRANULAR SALT-55FH645 SODIUM CHLORIDE

SALT TABLETS-B216911

**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:** ARCO LTD

P.O. Box 21

1 Blackfriargate

HULL

East Yorkshire

HU1 2BH

**Tel:** 01482 222522**Fax:** 01482 218536**Email:** [sales@arco.co.uk](mailto:sales@arco.co.uk)**1.4. Emergency telephone number****Emergency tel:** 01482 320432

(office hours only)

**Manufacturer:** Multex Chemicals Ltd.

Multex House

Cannon Street

HULL

East Yorkshire

HU2 OAB

**Tel:** 01482 320432**Fax:** 01482 321777**Email:** [sales@multexchemicals.co.uk](mailto:sales@multexchemicals.co.uk)

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## 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.

### 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:** ARCO DISHWASH 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.

[cont...]

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## 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

### 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.

[cont...]

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**Hand protection:** Protective gloves.

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

**Skin protection:** Protective clothing.

## 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. Under wet conditions can corrode many common metals, particularly iron, aluminium and zinc.

### 10.6. Hazardous decomposition products

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

[cont...]

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### 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.

[cont...]

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## Section 15: Regulatory information

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.

