

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**PRODUCT NAME: AQUA CARE 3300**

SUPPLIER: KASWA CHEMICAL,S.
House No 299
Street No 3
SAMANABAD,Faisalabad
Tel: +92 41 2664595
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PRODUCT USE: Water treatment**II. COMPOSITION/ INFORMATION ON INGREDIENTS**

Chemical Identity:	EINECS #	CAS #	% Conc.
Sodium Nitrite	231-555-9	7632-00-0	10 – 30
Sodium Nitrate	231-554-3	7631-99-4	10 - 30
Disodium tetraborate decahydrate	215-540-4	1303-96-4	7 - 13

III. HAZARDS IDENTIFICATION**Hazard classification of product :** Not classified.**Hazards for humans:** Not hazardous.**Hazards for environment:** Not applicable.**IV. FIRST AID MEASURES****Contact with skin:** Wash exposed area with soap and water and rinse well.**Contact with eyes:** Flush with plenty of water. Get medical attention if irritation persists.**Inhalation:** Not applicable.**Ingestion:** If victim is conscious, give two glasses of water to drink. Call a physician. Do not give anything by mouth to an unconscious person.**V. FIRE FIGHTING MEASURES****Conditions of flammability:** Not flammable.**Means of extinction:** Not applicable.**Hazardous combustion products:** Not applicable.**Unusual fire and explosion hazards:** None**VI. ACCIDENTAL RELEASE MEASURES****Procedures to be followed in case of spills or leaks:** Small amounts - Flush with water.

Large amounts - Contain spill and collect into waste container. Absorb remaining product with earth or sand and dispose of with solid waste. Flush spill area with water.

Personal protective equipment to be used: Protective gloves and safety glasses.**VII. HANDLING AND STORAGE****Special handling procedures and equipment:** Not applicable.**Specific storage requirements:** Not applicable.**VIII. EXPOSURE CONTROL/PERSONAL PROTECTION****Respiratory Protection:** Not applicable.**Protective Gloves:** Rubber or neoprene.**Eye Protection:** Safety glasses.**Additional Protective Equipment:** Not applicable.**Ventilation:** Not applicable.**IX. PHYSICAL AND CHEMICAL PROPERTIES****Flashpoint and method of determination:** >93.3°C (C.O.C.)**Flammable limits (% in air):** LOWER: Not applicable. UPPER: Not applicable.**Auto-Ignition temp.:** Not applicable.**Physical State:** Liquid**Vapour density:** Data not available.**Coefficient of n-octanol/water distribution:** Data not available.

MATERIAL SAFETY DATA SHEET

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Odour: None	Boiling Point: 105°C
Specific Gravity: 1.16	Freezing Point: 0°C
Vapour Pressure: Data not available.	pH: 10.5 - 12.5
Evaporation Rate: Data not available.	Colour: Yellow
Solubility in water: Complete	Odour threshold: Data not available.

X. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions. Hazardous polymerization will not occur.

Incompatible substances: Avoid strong oxidizing and reducing agents.

Conditions of reactivity: Avoid contamination with reactive substances.

Hazardous decomposition products: None

XI. TOXICOLOGICAL INFORMATION

Probable route of exposure: Splashes on skin or eyes.

Exposure Limits: LD₅₀ (Calculated)>2,000 mg/kg

Effect of acute and chronic exposure to product: None

Irritating: No

Sensitisation to product: No

Carcinogenicity: Data not available.

Reproductive toxicity: Data not available.

Teratotoxicity: Data not available.

Mutagenicity: Data not available.

Name of toxicologically synergistic product(s): Data not available.

XII. ECOLOGICAL CONSIDERATIONS

Environmental toxicity information: Avoid release into the environment in concentrated form.

XIII. DISPOSAL CONSIDERATIONS

For the product: EC disposal:
(wastes from cooling-water treatment).

For the packaging: EC disposal :
(plastic packaging). Can be recycled.

XIV. TRANSPORT INFORMATION

CARRIAGE BY ROAD (CROSSING BORDERS) ADR/RID:

ADR/RID Class:	Not applicable.
Hazard Identification Number:	Not applicable.
UN Number:	Not applicable.
Packing group:	Not applicable.
Label:	Not applicable.
UN proper shipping name:	Not applicable.

TRANSPORT BY SEA IMDG:

IMDG Class:	Not applicable.
UN Number:	Not applicable.
Packing group:	Not applicable.
EMS Number:	Not applicable.
Label:	Not applicable.
Marine pollutant:	No
UN proper shipping name:	Not applicable.

TRANSPORT BY AIR ICAO-TI and IATA-DGR:

ICAO/IATA Class:	Not applicable.
UN Number:	Not applicable.
Packing group:	Not applicable.
Label:	Not applicable.
UN proper shipping name:	Not applicable.