

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**PRODUCT NAME: AQUA CARE 7060**

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

Chemical Identity:	EINECS #	CAS #	% Conc.
Morpholine	203-815-1	110-91-8	15 - 40
Cyclohexylamine	203-629-0	108-91-8	15 - 40
Ingredients			
None			

III. HAZARDS IDENTIFICATION**Hazard classification of product :** C, corrosive.**Hazards for humans:** Causes burns. Harmful by inhalation, in contact with skin and if swallowed.**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:** Remove to fresh air. Obtain medical attention if irritation persists.**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:** Use only in well-ventilated areas.**Specific storage requirements:** Do not store near excessive heat or open flame. Store in closed containers.**VIII. EXPOSURE CONTROL/PERSONAL PROTECTION****Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.**Protective Gloves:** Rubber or neoprene.**Eye Protection:** Safety glasses.**Additional Protective Equipment:** Not applicable.**Ventilation:** Use only in well-ventilated areas.**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: Amine
Specific Gravity: 0.994
Vapour Pressure: Data not available.
Evaporation Rate: Data not available.
Solubility in water: Complete

Boiling Point: 100°C
Freezing Point: -7°C
pH: 11.2 - 11.8
Colour: Colourless
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 in eyes.
Exposure Limits: LD (Calculated) 6,000 mg/kg
Effect of acute and chronic exposure to product: Harmful by inhalation, in contact with skin and if swallowed.
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: Product conforms to the regulations regarding the biodegradability of the surfactants. (Directive 2004/648/EC)

XIII. DISPOSAL CONSIDERATIONS

For the product: EC disposal code №:
07 07 01 (Aqueous washing liquids and mother liquors)
For the packaging: EC disposal code №:
15 01 02 (plastic packaging). Can be recycled.

XIV. TRANSPORT INFORMATION

CARRIAGE BY ROAD (CROSSING BORDERS) ADR/RID:

8C7ADR/RID Class:
80Hazard Identification Number:
3267UN Number:
IIPacking group:
8Label:

UN proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, (Morpholine)

TRANSPORT BY SEA IMDG:

IMDG Class: 8
UN Number: 3267
Packing group: II
EMS Number: F-A, S-B
Label: 8
Marine pollutant: No

UN proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, (Morpholine)

TRANSPORT BY AIR ICAO-TI and IATA-DGR:

ICAO/IATA Class: 8
UN Number: 3267
Packing group: II