

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: AQUA CARE 7451

MANUFACTURER:

SUPPLIER:

I. DESCRIPTION OF PRODUCT

KASWA CHEMICAL,S.
SAMANABAD, Faisalabad
Tel: +92 41 2664595
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PRODUCT USE: Micro biocide

CHEMICAL FAMILY: Thiocarbamates

T.D.G. CLASSIFICATION: Not regulated

WHMIS CLASSIFICATION: Not applicable

II. HAZARDOUS INGREDIENTS

Chemical Identity:	CAS #	% Conc.
Potassium dimethyl dithiocarbamate	128-03-3	10 - 30

III. PHYSICAL PROPERTIES

Physical State: Liquid

Appearance and colour: Green liquid with ammonia-sulphide odour

Odour threshold: Not available

Boiling Point: >100°C

Specific Gravity: 1.05

Freezing Point: 0°C

Vapour Pressure: Not available

pH: 11.0 - 12.0

Vapour density: Not available

Evaporation Rate: Not available

Solubility in water: Complete

IV. FIRE OR EXPLOSION HAZARDS

Conditions of flammability: Not flammable.

Means of extinction: Use carbon dioxide, water fog, alcohol foam, dry chemical (preferred).

Flashpoint and method of determination: None below 100°C (Tag. closed cup)

Flammable limits (% in air): LOWER: Not applicable. **UPPER:** Not applicable.

Auto-Ignition temp.: Not applicable.

Hazardous combustion products: Combustion can produce acid gases (oxides of sulphur). Exposing product to intense heat could cause drums to rupture.

Unusual fire and explosion hazards: Not applicable.

V. REACTIVITY DATA

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

Incompatible substances: Strong acids.

Conditions of reactivity: Avoid contamination with reactive substances.

Hazardous decomposition products: Carbon disulfide and dimethyl amine.

VI. PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT TO BE USED:

Respiratory Protection: Not applicable.

Protective Gloves: Rubber gloves.

Eye Protection: Chemical safety goggles.

Additional Protective Equipment: Not applicable.

Ventilation: Use with adequate ventilation for misting operations.

VII. FIRST AID

Contact with skin: Wash exposed area with soap and water. If irritation or abnormalities persist, call a physician.

Contact with eyes: Immediately flush eyes with water for 15 minutes and call a physician.

Inhalation: Remove to fresh air. Obtain medical attention if irritation persists.

Ingestion: Drink one glass of water immediately. **Do not induce vomiting.** Call Regional Poison Control Centre at once or see your local hospital emergency at once.