

MATERIAL SAFETY DATA SHEET

Date of Issue: 14/01/2008

STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Work safe Australia.
This product becomes non-hazardous at concentrations below 3.3%.

COMPANY DETAILS

Company Jaeger Australia
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IDENTIFICATION

PRODUCT NAME: Biocide K
Other Names:
Manufacturer's Code: WT-110
Un No: 2922
Dangerous Goods Class & Subsidiary Risk: Corrosive 8
Hazchem Code: 2XE
Poisons Schedule: S6
Use: Control of microbiological growths in open and closed cooling systems.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Clear Amber Liquid.
Melting Point: N/A
Boiling Point: 100°C
Vapour Pressure: 18mm Hg at 20°C
Specific Gravity: 1.05
Flash Point: Non-flammable
Flammability Limits: Non-flammable
Solubility in water: N/A

Other Properties:

Corrosiveness: Corrosive to most metals.
Reactivity: Contact with combustible material may cause fire
PH (undiluted): 3.0

INGREDIENTS

Chemical name and CAS No as defined by the NOHSC Code 1008 list all hazardous substances. Other ingredients which are determined to be non-hazardous are listed by generic name or as "other ingredients determined not to be hazardous".

CHEMICAL NAME	CAS NO	PROPORTION
Magnesium Chloride	7786-30-3	<10%
Magnesium Nitrate	10377-60-3	<10%
Isothiazolones	26172-55-4	5-20%
Water	7732-18-5	Balance.

HEALTH HAZARD INFORMATION

Health Effects

Acute:

SWALLOWED: Material is harmful if swallowed. Can cause burns to mouth, throat and gastro intestinal tract.

EYE: Corrosive to eyes. Risk of serious damage to eyes.

SKIN: Contact with skin will result in severe irritation. Can cause burns.

INHALED: Harmful by inhalation. Corrosive mist.

CHRONIC: Not applicable.

FIRST AID

SWALLOWED: Contact a doctor or Poisons Information Centre. Do NOT deliberately induce vomiting. Give patient plenty of water to drink. If patient is not fully conscious do not give anything by mouth.

EYE: If contacted in the eyes or on the face, remove contact lenses if worn. Immediately flood with clean cold water for at least 15 minutes. Get urgent medical attention.

SKIN: Remove all contaminated clothing and wash skin thoroughly with water.

INHALED: Remove patient from contaminated area. If patient is not breathing apply artificial respiration.

First Aid Facilities: Eye wash. Fresh water.

PRECAUTIONS FOR USE

EXPOSURE: TLV – STEL 0.3 mg per square meter total isothiazolones.

ENGINEERING CONTROLS: Not applicable.

VENTILATION: Use in a well ventilated area.

PERSONAL PROTECTION: Avoid contact with the skin and eyes. Avoid breathing its mist. Wear face shield, overalls or apron and protective footwear. Wear natural rubber, neoprene, nitrile or PVC gloves when using undiluted product. If risk of inhalation of spray mists exists, wear respiratory mask meeting the requirements of AS 1715 and AS 1716.

FLAMMABILITY: Not flammable

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT: Corrosive liquid. Packaging Group III. Hazchem Code 2XE. U.N. No. 2922. Store in a cool and well ventilated place. Keep drums tightly closed when not in use. This product must be stored and transported in accordance with State and Territory Dangerous Goods Regulations.

SPILLS & DISPOSAL: Evacuate personnel from danger area. Absorb spillage on vermiculite or similar absorbing material. Collect into properly labelled waste containers. Contact local authorities with regard to correct disposal. Area should be washed thoroughly with water.

FIRE/EXPLOSION HAZARD: Non-flammable or combustible.

OTHER INFORMATION:

The Time Weighted Average (TWA) quoted above is the Work safe Adopted National Exposure Standard for the average airborne concentration when calculated over a normal eight-hour working day, for a five-day working week.

This MSDS is valid for five years from date of issue but readers should contact Jaeger Australia to ensure that this is the latest issue. As per the Work safe Guidance Note NOHSC 3017, each user should review the information in the specific context of the intended application.

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