

# MATERIAL SAFETY DATA SHEET

Date of Issue: 14/01/2008

## STATEMENT OF HAZARDOUS NATURE

Non-Hazardous according to criteria of Work safe Australia.

## COMPANY DETAILS

Company Jaegar Australia  
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## IDENTIFICATION

**PRODUCT NAME:** RE-FRESH  
**Other Names:**  
**Manufacturer's Code:** LD-115  
**Un No:** N/A  
**Dangerous Goods Class & Subsidiary Risk:** N/A  
**Hazchem Code:** N/A  
**Poisons Schedule:** N/A  
**Use:** Biocide

## PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Thin Clear Liquid  
Boiling Point: above 100 C  
Vapour Pressure: N/A  
Specific Gravity: 0.99  
Flash Point: Not flammable  
Flammability Limits: Not flammable  
Solubility in water: Miscible in all proportions

## Other Properties:

Corrosiveness: Not considered corrosive to metals.  
PH (undiluted): 6.8 to 7.2

## 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
Quaternary Ammonium Cpd.		>10%
Surfactants		<10%
Water	7732-18-5	Balance

## HEALTH HAZARD INFORMATION

### Health Effects

#### Acute:

**SWALLOWED:** Nauseating and irritating to the mouth, throat and gastro intestinal tract.

**EYE:** May cause mild aggravation.

**SKIN:** May cause dryness by defatting.

**INHALED:** No harmful vapours emitted.

**CHRONIC:** Prolonged exposure to low concentration solutions may cause irritation to skin

## FIRST AID

**SWALLOWED:** Contact a Doctor or Poisons Information Centre. Give patient plenty of water to drink. Do not deliberately induce vomiting.

**EYE:** Remove contact lenses if worn. Hold eyes open and flood with fresh, clean water for at least 15 minutes. Seek medical attention from a Doctor as a safety precaution.

**SKIN:** Remove all contaminated clothing and footwear. Wash effected skin thoroughly with water. Launder all contaminated clothing before re-use.

**INHALED:** Not applicable as there is no risk of inhalation of vapour.

**First Aid Facilities:** Eye wash. Fresh water.

**Advice to Doctor:** Neutral detergent. If swallowed treat for quaternary ammonium compound.

## PRECAUTIONS FOR USE

**EXPOSURE:** No exposure standard is assigned for the ingredients.

**ENGINEERING CONTROLS:** Not applicable.

**PERSONAL PROTECTION:** No special precautions.

**FLAMMABILITY:** Non-flammable or combustible

## SAFE HANDLING INFORMATION

**Storage and Transport:** Keep containers closed.

**Spills and Disposal:** May be flushed to sewer with water but prevent larger spillages from entering stormwater drains or watercourses. To contain spillage, absorb on vermiculite or similar absorbing material. Collect into properly labelled waste containers. Contact local authorities with regard to correct disposal procedure.

**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 Jaegar 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.

**CONTACT POINT:** General Manager (0408 347 425)  
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