

MATERIAL SAFETY DATA SHEET

Date of Issue: 14/01/2008

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Work safe Australia.

COMPANY DETAILS

Company: Jaegar Australia
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IDENTIFICATION

PRODUCT NAME: Sodium Metabisulphite

Other Names:

Manufacturer's Code:

Un No:

Dangerous Goods Class N/A

& Subsidiary Risk: N/A

Hazchem Code: N/A

Poisons Schedule: S5

Use:

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: White Crystals
Melting Point: >300°C
Vapour Pressure: Not Available
Specific Gravity: 2.38
Flash Point: Not Available
Flammability Limits: Not Available
Solubility in water: 470g/l

Other Properties:

Corrosiveness: Not considered corrosive to metals.
PH (50% solution): 3.5-5.0

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
Sodium Metabisulphite	761-57-4	100%

HAZARD INFORMATION

Health Effects

Acute Effects

SWALLOWED: No adverse effects expected, however large amounts may cause nausea, vomiting and abnormal pain.

EYE: An eye irritant.

SKIN: Not expected to be a skin irritant.

INHALED: Inhalation of dust will result in respiratory irritation.

Acute/Chronic Toxicity.

Oral LD50 (RAT):2480mg/kg (1)

Acute skin irritation.: non irritant (rabbit) (1)

Acute eye irritation; Irritant (rabbit) (1)

Genotoxicity: No genotoxic effects.

Negative results were reported following invitro mutagenicity assays.(2)

No increase in tumour incidence was observed after a 2 year study in mice fed a 2%soln of potassium metabisulphite (a common food additive) (2)

FIRST AID

SWALLOWED: Rinse mouth with water. Give water to drink. Do not induce vomiting. Seek immediate medical assistance.

EYE: Immediately irrigate with water for at least 15minutes.Eyelids to be held open

SKIN: Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use.

INHALED: Remove victim from exposure. Seek medical advise if effects persist.

First Aid Facilities: Fresh water.

Notes to physician; Treat symptomatically.

PRECAUTIONS FOR USE

EXPOSURE: TWA 5mg/m3 is the time weighted average airbourne concentration over an eight hour day,for a 5day working week over an entire working life. According to current knowledge this concentration should neither impair the health, or not cause undue discomfort to nearly all workers.

ENGINEERING CONTROLS: Ensure ventilation is adequate to maintain air concentrations below exposure standards. Avoid generating and inhaling dusts.Use with local exhaust ventilation or while wearing dust resperator.Keep containers closed when not in use.

PERSONAL PROTECTION: Overalls, Safety shoes, Chemical Goggles, Gloves, Dust mask.

FLAMMABILITY: Not flammable or combustible

SAFE HANDLING INFORMATION

Storage: Store in a cool dry, well ventilated area and out of direct sunlight. Store away from oxidising agents, acids, sodium nitrate, sodium nitrite and foodstuffs. Collect and seal in properly labelled drums for disposal. Wash area down with excess water.

Road and Rail Transportation: Not classified as a dangerous goods by the criteria of the Australian Dangerous Code for transport by road and rail.

OTHER INFORMATION:

The Peak Limitation quoted above is the Work safe Adopted National Exposure Standard for the maximum or peak airborne concentration over the shortest analytically practicable period of time, which does not exceed 15 minutes.

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.

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