

Material Safety Data Sheet

Infosafe No™ LQ1I7 Issue Date : September 2012 ISSUED by BOEHRING

Product Name : **METACAM® 20mg/mL SOLUTION FOR INJECTION**

Not classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name METACAM® 20mg/mL SOLUTION FOR INJECTION
Company Name Boehringer Ingelheim Pty. Limited
Address 78 Waterloo Rd North Ryde
NSW 2113 Australia
Emergency Tel. 1800 038 037
Telephone/Fax Number Tel: 1800 038 037
Fax: +61 2 8875 8715
Email animalhealth.au@boehringer-ingelheim.com
Recommended Use Meloxicam is a non-steroidal anti-inflammatory drug (NSAID) of the oxicam class which acts by inhibition of prostaglandin synthesis, thereby inserting anti-inflammatory, anti-endotoxic, anti-exudative, analgesic and antipyretic properties.

2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as hazardous
NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Ethanol	64-17-5	15%
	Ingredients determined not to be hazardous		Balance
	Meloxicam (4-hydroxy-2-methyl-N-(5-methyl-2-thiazolyl)-2H-1,2-benzothiazine-3-carboxamide-1,1-dioxide)	71125-38-7	20 mg/mL

4. FIRST AID MEASURES

Inhalation No special precautions required. However, if inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
Ingestion Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.
Skin Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Eye In case of accidental injection, wash the site thoroughly. Contact a physician immediately and show the packet insert or label to the physician.
If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.
First Aid Facilities Eyewash and normal washroom facilities.
Advice to Doctor Treat symptomatically.
Note to Physician: For animal injection only. Not for human use.
Antidote: Epinephrine is indicated for anaphylactoid reactions.
Other Information For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use appropriate fire extinguisher for surrounding environment.

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Hazards from Combustion	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Products Specific Hazards	Non flammable.
Precautions in connection with Fire	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	For minor spills: refer to product label for specific instructions. Avoid inhalation of fumes, and skin or eye contact. Absorb with an inert material and place in an appropriate waste disposal container. In the event of a major spill: Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
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7. HANDLING AND STORAGE

Precautions for Safe Handling	Used as directed on label or package insert. Avoid generating dust/vapours. Use in a well ventilated area. Exposure without protection should be prevented in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.
Conditions for Safe Storage	Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Keep containers tightly closed when not in use. Keep only in original container. Store below 25°C. Do not refrigerate. Not to be used after 28 days of opening.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure value assigned for this material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below: Safe Work, Australia Exposure Standards: <table border="1"><thead><tr><th rowspan="2">Substance</th><th colspan="2">TWA</th><th colspan="2">STEL</th></tr><tr><th>ppm</th><th>mg/m³</th><th>ppm</th><th>mg/m³</th></tr></thead><tbody><tr><td>Ethanol</td><td>1000</td><td>1800</td><td>-</td><td>-</td></tr></tbody></table>	Substance	TWA		STEL		ppm	mg/m ³	ppm	mg/m ³	Ethanol	1000	1800	-	-
Substance	TWA		STEL												
	ppm	mg/m ³	ppm	mg/m ³											
Ethanol	1000	1800	-	-											
Biological Limit Values	No biological limit allocated.														
Engineering Controls	Industrial application: Use with good general ventilation. If vapour is produced local exhaust ventilation should be used.														
Respiratory Protection	Industrial application: If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.														
Eye Protection	Industrial application: Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.														

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Hand Protection Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Colourless glass injection vials of 20mL, 50mL, 100mL and 250mL.

Odour Like ethanol

Melting Point Not available

Boiling Point Not available

Solubility in Water Insoluble

Specific Gravity 1.56

pH Value 8.0-9.7

Vapour Pressure Not available

Vapour Density (Air=1) Not available

Flash Point > 93.3°C

Flammability Non flammable

Auto-Ignition Temperature Not available

Flammable Limits - Lower Not available

Flammable Limits - Upper Not available

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions of storage and handling.

Conditions to Avoid Extremes of temperature and direct sunlight.

Incompatible Materials Strong oxidizing agents.

Hazardous Decomposition Products Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Hazardous Polymerization Will not occur

11. TOXICOLOGICAL INFORMATION

Toxicology Information No toxicity data available for this product.

Inhalation Inhalation of product vapour may cause irritation of the nose, throat and respiratory system.

Ingestion Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Skin May cause redness, itching and irritation.

Eye May cause eye irritation, tearing, stinging, blurred vision, and redness.

Chronic Effects There is no known chronic effect from this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity No ecological data available for this product.

Persistence / Degradability Not available.

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Mobility Not available.

Environ. Protection Do not discharge this material into waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations The disposal of the spilled or waste material and container must be done in accordance with applicable local and national regulations. Used needles should be placed in a designated sharps container.

14. TRANSPORT INFORMATION

Transport Information Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

IMDG Marine No

Pollutant (MP)

15. REGULATORY INFORMATION

Regulatory Information Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). This product is subject to the Commonwealth's Agricultural and Veterinary Chemicals (Administration) Act 1994 which covers the uniform regulation and control of agricultural and veterinary chemicals.

Poisons Schedule S4

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Created: September 2012
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