Material Safety Data Sheet

DOT	HCS Risk Phrases	Protective Clothing
Consumer Commodity, ORM-D	HCS CLASS: Flammable liquid	

Section 1: Product Identification and Uses

Common/Trade name	**Metacam 0.5% Injection**	CI#	Not available
Synonyms	Not available	TSCA	TSCA inventory: No products were found.
Chemical name	Not available	CAS #	Not available
Chemical formula	Not available	Code	Not available
Chemical family	Not available	Molecular weight	Not available
Supplier	Boehringer Ingelheim Vetmedica, Inc. 2621 North Belt Hwy St. Joseph MO 64506-2002	Manufacturer	Boehringer Ingelheim Vetmedica, Inc. 2621 North Belt Hwy St. Joseph MO 64506-2002 816-233-2571
Material uses	Non-steroidal anti-inflammatory drug for treatment of conditions of musculoskeletal system and management of perioperative pain.		

Section 2: Hazardous Ingredients

Name	CAS#	% by Weight	TLV/PEL	LC50 / LD 50
Ethanol Meloxicam	64-17-5 71125-38-7	150 mg/ml 0.5	Not available 7.5 ug/m3 (Boehringer exposure limit)	Not available ORAL (LD50): Acute: 84 mg/kg [Rat] ORAL 470 mg/kg [Mouse] ORAL 320 mg/kg [Rabbit]

Section 3: First Aid Measures

Eye contact	Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used. DO NOT use an eye ointment. Seek medical attention.
Skin contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated skin with soap and water.
Hazardous skin contact	No additional information.
Slight inhalation	No information available regarding inhalation. Seek immediate medical attention.
Hazardous inhalation	No additional information.
Slight ingestion	No information available regarding ingestion. Notify physician or Poison Control Center immediately.
Hazardous ingestion	Not available

Section 4: Physical Data

Physical state and appearance	Clear, yellow liquid	Odor	Like ethanol

PH (1% soln/water)	8.0 - 8.9	Taste	Not available
Odor threshold	Not available	Color	Clear yellow
Volatility	Not available		
Melting/Sublimation point	Not available		
Boiling/Condensation point	Not available		
Specific gravity (Water=1)	1.56		
Vapor density	Not available		
Vapor pressure	Not available		
Water/oil dist. Coeff.	Not available		
Ionicity (surface active agent)	Not available		
Critical temperature	Not available		
Instability temperature	Not available		
Conditions of instability	Not available		
Dispersion properties	Not available		
Solubility	Insoluble.		

Section 5: Fire and Explosion Data

The product is:	Flammable
Auto-ignition temperature	Not available
Fire degradation products	These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2…)
Flash points	98° F
Flammable limits	Flammable
Fire extinguishing procedures	SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
Flammability	Flammable
Risks of explosion	No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.

Section 6: Reactivity Data

Stability	The product is stable.
Hazardous decomp. products	Not available
Degradability	Not available
Product of degradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are less toxic than the product itself.
Corrosivity	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
Reactivity	No specific information is available in our database regarding the reactivity of this product in presence of various materials.

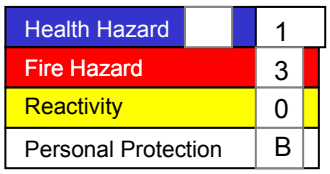
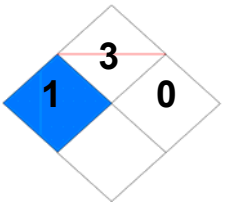
Section 7: Toxicological Properties

Routes of entry	Eye contact. Ingestion. Skin contact.
TLV	Not available
Toxicity for animals	Not available
Environmental hazards	Not available
Chronic effects on humans	Not available
Acute effects on humans	Hazardous in case of skin contact (irritant) and/or eye contact (irritant). Slightly hazardous in case of ingestion and/or inhalation. Non-sensitizer for skin. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Section 8: Preventive Measures

Waste information	Not available
Waste stream	Not available
Storage	Materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed in a cool, well-ventilated place. Ground all equipment containing material. A refrigerated room would be preferable for materials with a flash point lower than 37.8°C (100°F)
Precautions	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Keep container tightly closed and in a well-ventilated place. DO NOT ingest. Do not breathe gas, fumes, vapor or spray. If ingested, seek medial advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.
Small spill and leak	Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. If necessary, neutralize the residue with a dilute solution of acetic acid.
Large spill and leak	Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. DO NOT touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all sources of ignition. Neutralize the residue with a dilute solution of sodium carbonate. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities. Keep away from heat. Keep away from sources of ignition.
Protective Clothing	Splash goggles. Full suit Boots. Gloves. Wear NIOSH approved respirator if inadequate ventilation

Section 9: Classification

DOT	Consumer Commodity, ORM-D
Maritime transportation	Consumer Commodity, ORM-D
HCS	HCS CLASS: Flammable liquid
Federal and State Regulations	Not available
HMIS (U.S.A.)	 National Fire Protection Association (U.S.A.)  Fire Hazard Reactivity Specific hazard

Section 10: Protective Measures

Protective clothing	Safety glasses. Lab coat. Be sure to use a MSHA approved respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.
Engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Section 11: Other Information

References	Not available

Not available

Validated by Company: 3/22/05

CALL 1(800) 821-7467

Emergency Medical: (800)530-5432

Chemtrec: (800)424-9300

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