

SAFETY DATA SHEET

Meloxicam

1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Meloxicam raw material
CAS no: 71125-38-7
Synonyms: 4-hydroxy-2-methyl-N-(5-methyl-2-thiozoly)-1,1-dioxide-2H-1,2benzothiazine-3-carboxamide; Coxicam; UH-AC 62XX

Company Identification: Solvet
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 T2E6J7
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For information call: (403) 456-2245
 Emergency number: (613) 996-6666 (CANUTEC)
 1-800 463-5060 OR
 (418) 656-8090 (Control Poison Center)

2. Hazards Identification

WHMIS Classification:

D1B	Toxic Material Causing Immediate and Serious Toxic Effects	Toxic by ingestion
D2B	Toxic Material Causing Other Toxic Effects	Moderate skin irritant Moderate eye irritant

GHS Classification

Acute toxicity: Oral (Category 3)

Skin irritation: (Category 2)

Eye irritation: (Category 2A)

Specific target organ toxicity - single exposure (Category 3), Respiratory system

GHS Label elements, including precautionary statements

Pictogram



Signal word: Danger

Hazard statement(s)

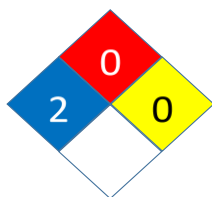
H301 Toxic if swallowed.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.

Precautionary statement(s)

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 P301 + P310: IF SWALLOWED immediately call a POISON CENTER or doctor/ physician.
 P305 + P351 + P338 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

HMIS Classification

Health hazard: 2 Flammability: 0 Physical hazards: 0



Potential Health Effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.
Skin May be harmful if absorbed through skin. Causes skin irritation.
Eyes Causes eye irritation.
Ingestion Toxic if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Chemical Name	Chemical Formula	Risk Phrases/ GHS Classification
71125-38-7	Meloxicam	C ₁₄ H ₁₃ N ₃ O ₄ S ₂	Acute Tox. (O): H301 Skin Corr. 2:H315 Eye Damage 2A:H319 TOST (SE)3:H335 H336

Molecular weight: 351.4

4. First Aid Measures

General Advice:	Consult a physician, show this SDS to the doctor. Move out of dangerous area
In Case of Inhalation:	Remove to fresh air. If not breathing give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
In case of Skin contact:	Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
In case of Eye Contact:	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.
In case of Ingestion:	Wash out mouth with water. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.

5. FIRE FIGHTING MEASURES

Conditions of flammability	Not flammable or combustible.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for firefighters	Wear self-contained breathing apparatus for firefighting if necessary, and full protective gear to prevent contact with skin and eyes.
Hazardous combustion products	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides, Sodium oxides
Explosion data - sensitivity to mechanical impact	No data available
Explosion data - sensitivity to static discharge	No data available

6. ACCIDENTALE RELEASE MEASURES

Protective Precautions:	Avoid raising and breathing dust, and provide adequate ventilation
Protective Equipment And Emergency Procedures:	As conditions warrant wear self-contained breathing apparatus, or respirator and appropriate personal protection (rubber boots, safety goggles and heavy rubber gloves).
Environmental Precautions:	Take steps to avoid release into the environment.
Methods and Material For containment and Cleaning up:	Contain spill and collect as appropriate Transfer to a chemical waste container for disposal accordance with local regulations

7. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place. Store with desiccant. Store at room temperature. Protect from light.

8. Exposure controls/Personal Protection

Personal protective equipment

Respiratory protection	Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hand protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Eye protection	Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin and body protection	Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Hygiene measures	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.
Specific engineering controls	Use mechanical exhaust or laboratory fumehood to avoid exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula and Weight:	C ₁₄ H ₁₃ N ₃ O ₄ S ₂ and 351.4
Appearance	
Form:	solid
Colour:	light yellow, dark yellow
Safety data	
Melting point/freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Ignition temperature:	No data available
Auto-ignition temperature:	No data available
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Vapour pressure:	No data available
Density:	No data available
Water solubility:	7.5 g/l - soluble
Partition coefficient: n-octanol/water:	No data available
Solubility in other solvents Dimethyl sulfoxide. (DMSO):	5 g/l - soluble
Relative vapour density:	No data available
Evaporation rate:	No data available

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under recommended storage conditions.
Reactivity:	No data available
Possibility of hazardous reactions:	No data available
Conditions to avoid:	No data available
Materials to avoid:	Strong oxidizing agents
Hazardous decomposition products:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NO _x), Sulphur oxides, Sodium oxides
Polymerisation:	Will not occur

11. TOXICOLOGICAL INFORMATION

Toxicological Effects:	The toxicological effects of this product have not been thoroughly studied
Toxicity Data:	Oral TDLo (rat) 1mg/Kg Subcutaneous TDLo (mouse) Oral TDLo (man) 0.11 mg/Kg
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
Reproductive toxicity	No data available
Teratogenicity	No data available
Potential health effects	
Inhalation	May be harmful if inhaled. Causes respiratory tract irritation.
Ingestion	Toxic if swallowed.
Skin	May be harmful if absorbed through skin. Causes skin irritation.
Eyes	Causes eye irritation.
Signs and Symptoms of Exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Synergistic effects	No data available
Additional Information	RTECS number: DL0702000

12. ECOLOGICAL INFORMATION

Toxicity:	Avoid release into environment Runoff from fire control or dilution water may cause pollution
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13. DISPOSAL CONSIDERATION

Disposal Methods:	No specific disposal method required. Do not empty into drains; dispose of this material and its container in a safe way. Do not contaminate water, food, or feed by storage disposal
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14. TRANSPORT INFORMATION

Land Transport DOT (US)

DOT Proper Shipping Name: Not a dangerous goods

Air Transport (ICAO/IATA)

(ICAO/IATA) Shipping Name: Not a dangerous goods

Marine pollutant: No

Poison Inhalation Hazard: No

15. REGULATORY INFORMATION

WHMIS Classification

D1B Toxic Material Causing Immediate and Serious Toxic Effects: **Toxic by ingestion**

D2B Toxic Material Causing Other Toxic Effects: **Moderate skin irritant, Moderate eye irritant**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) List

Hazardous Components (Name and CAS#)	S.302 (EHS)	S.304 RQ	S 313 (TRI)
Meloxicam 71125-38-7	No	No	No

16. OTHER INFORMATION

SDS Number: SOL015

SDS creation date: Jan 14, 2016

Revision due: Jan 30, 2018

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Solvet be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Solvet has been advised of the possibility of such damages.

**This product has been classified in accordance with the hazard criteria of the CPR
 and the SDS contains all of the information required by the CPR**