

## 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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 Calgary, Alberta Canada  
 T2E6J7  
[www.solvvet.ca](http://www.solvvet.ca)

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)**

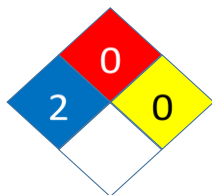
H301 Toxic if swallowed.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.

**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 <sub>14</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub> S <sub>2</sub>	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

<b>General Advice:</b>	Consult a physician, show this SDS to the doctor. Move out of dangerous area
<b>In Case of Inhalation:</b>	Remove to fresh air. If not breathing give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
<b>In case of Skin contact:</b>	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.
<b>In case of Eye Contact:</b>	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.
<b>In case of Ingestion:</b>	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

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

#### 6. ACCIDENTALE RELEASE MEASURES

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

7. HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
<b>Conditions for safe storage</b>	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

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

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicological Effects:</b>	The toxicological effects of this product have not been thoroughly studied
<b>Toxicity Data:</b>	Oral TDLo (rat) 1mg/Kg Subcutaneous TDLo (mouse) Oral TDLo (man) 0.11 mg/Kg
<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/eye irritation</b>	No data available
<b>Respiratory or skin sensitisation</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	
<b>IARC:</b>	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.
<b>ACGIH:</b>	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.
<b>Reproductive toxicity</b>	No data available
<b>Teratogenicity</b>	No data available
<b>Potential health effects</b>	
<b>Inhalation</b>	May be harmful if inhaled. Causes respiratory tract irritation.
<b>Ingestion</b>	Toxic if swallowed.
<b>Skin</b>	May be harmful if absorbed through skin. Causes skin irritation.
<b>Eyes</b>	Causes eye irritation.
<b>Signs and Symptoms of Exposure</b>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
<b>Synergistic effects</b>	No data available
<b>Additional Information</b>	RTECS number: DL0702000

## 12. ECOLOGICAL INFORMATION

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

<b>Disposal Methods:</b>	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**