

Section 1: Identification

Product Name	Meloxicam USP
Commercial Name	H-Hydroxy-2-methyl-N-(5-methyl-2-thiazolyl)-2H-1,2-benzothiaz 1,1-dioxide
Product Use	Not available
Restrictions On Use	Not available
Product Code	55-4476
Company	PCCA 9901 South Wilcrest Houston, TX 77099 Phone: 1-800-331-2498 Fax: 1-800-874-5760
	In case of emergency contact: CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com:	Acute toxicity Oral (Category 3) Skin corrosion/irritation (Category 2) Serious eye damage/eye irritation
CFR 1910.1200	(Category 2A) Reproductive toxicity (Category 2) Specific target organ toxicity (single exposure) (Category 3)

Signal Word	DANGER
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Hazard Statement(s) Toxic if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Pictogram(s) or Symbol(s)


Precautionary Statement(s):

Prevention	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response	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.
Storage	Not available
Disposal	Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture	Substance
Components	Meloxicam USP
% By Weight	100
CAS#	71125-38-7
Molecular Weight	351.40 g/mole
Chemical Formula	C14H13N3O4S2
Synonym(s)	H-Hydroxy-2-methyl-N-(5-methyl-2-thiazolyl)-2H-1,2-benzothiaz 1,1-dioxide

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Meloxicam USP	71125-38-7	100	Not available	83.5 mg/kg



Section 4: First-Aid Measures

Inhalation	Remove to fresh air. If not breathing, give artificial respiration, give oxygen by trained personnel. Get immediate medical attention.
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.
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.
Ingestion	Wash out mouth with water provided person in conscious. Never give anything by mouth to an unconscious person. Get medical attention. DO NOT induce vomiting unless directed to do so by medical personnel.
Symptoms/Effects	
Acute	Not available
Delayed	Not available

Delayed Not a

Immediate Measures

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Dry chemical, Carbon dioxide (CO₂), Water spray mist or foam

|| Unsuitable Extinguishing Media

Not available

Products of Combustion

Products of combustion: Carbon monoxide: Carbon dioxide: Nitrogen oxides: Sulfur oxides

Firefighters Special Equipment and Precautions

Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume. Wear suitable protective equipment. Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so. Use standard fire fighting procedures and consider the hazards of other involved materials.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and emergency procedures: Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Environmental Precautions. Methods and materials for containment and cleaning up: Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water. Methods and material for containment for and cleaning up: Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see section 13 of the SDS. Clean surface thoroughly to remove residual contamination.

Section 7: Handling and Storage

Precautions for safe handling: Avoid all contact and inhalation of dust, mists, and/or vapours associated with the material. Clean equipment and work surfaces with suitable detergent or solvent after use. After removing gloves, wash hands and other exposed skin thoroughly. Combustible dust clouds may be created where operations produce fine material (dust). Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Conditions for safe storage, including any incompatibilities: Store in well-closed, light resistant container. This material should be handled and stored per label instructions to ensure product integrity.

Section 8: Exposure Controls/Personal Protection

Exposure Limits N/A

Engineering Controls

Airborne exposure should be controlled primarily by engineering controls such as general dilution ventilation, local exhaust ventilation, or process enclosure. Local exhaust ventilation is generally preferred to general exhaust because it can control the Contaminant at its source, preventing dispersion into the work area. An industrial hygiene survey involving air monitoring may be used to determine the effectiveness of engineering controls. Effectiveness of engineering controls intended for use with highly potent materials should be assessed by use of nontoxic surrogate materials. Local exhaust ventilation such as a laboratory fume hood or other vented enclosure is recommended, particularly for grinding, crushing, weighing, or other dust generating procedures.

Personal Protection

Eye/face protection: Safety glasses with side shields are recommended. Face shields or goggles may be required if splash potential exists or if corrosive materials are present. Approved eye protection (e.g., bearing the ANSI Z87 or CSA stamp) is preferred. Maintain eyewash facilities in the work area. **Skin protection** **Hand protection:** Chemically compatible gloves. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrite or other synthetic no latex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy. **Other:** For handling of laboratory scale quantities, a cloth lab coat is recommended. Where significant quantities are handled, work clothing may be necessary to prevent take home contamination. **Respiratory protection:** Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH-approved respiratory protection and have an effective respirator program in place. **Thermal hazards:** Not available. **General hygiene considerations:** Handle in accordance with good industrial hygiene and safety practices.

Section 9: Physical and Chemical Properties

Appearance	Pale yellow powder.		
Odor	No information found.		
Odor Threshold	Not available		
Melting Point	469.4 - 507.2 °F (243 - 264 °	pH	5-7
Freezing Point	Not available	Vapor Pressure	<0.0000001 pKa at 25 °C
Boiling Point/Range	No information found.	Vapor Density	No information found.
Decomposition temperature	Not available	Viscosity	No information found.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	No information found.	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Partically insoluble in water, soluble in di-methylformamide, slightly soluble in acetone; very slightly soluble in ethanol and in methanol.		
Other	Not available		

Section 10: Stability and Reactivity

Reactivity	No reactivity hazards known.
Chemical Stability	Stable at normal condition.
Hazardous Polymerization	No reactivity hazards known.
Conditions to Avoid	Heat.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	SOx, NOx. Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions

Section 11: Toxicological Information
RTECS N/A

Acute Toxicity

Toxic if swallowed. LD50 (oral-mouse) 470mg/kg LD50 (oral-rat) 83.5mg/kg

Skin Corrosion/Irritation

Result: Non-irritant, Species: Rabbit

Serious Eye Damage/Irritation

Result: Non-irritant, Species: Rabbit

Respiratory or Skin Sensitization

Result: Non-sensitizing, Species: Guinea Pig

Germ Cell Mutagenicity

Not available

Carcinogenicity

Not carcinogenic

Reproductive Toxicity

Suspected of damaging fertility or the unborn child. Therapeutic use of non-steroidal anti-inflammatory agents (NSAIDs) during the second half of pregnancy is associated with adverse effects in the fetus such as premature closure of the ducts arteries, which may lead to persistent pulmonary hypertension in the newborn. Animal studies have shown that NSAIDs administered during late pregnancy can cause prolonged gestation, difficult labour, delayed birth, and decreased pup survival rates.

Routes of Entry

Eyes, Skin, Ingestion, Inhalation

Symptoms Related to Exposure

For non-steroidal anti-inflammatory drugs (NSAIDs): Nausea. Vomiting. Diarrhoea. Constipation. Heartburn. Stomach pain. Black or tarry stools. Bleeding or bruising. Swelling. Sores, ulcers, or white spots on lips or mouth. Sweating. Bluish-colored skin. Insomnia. Mood, mental or behavioural changes. Confusion. Dizziness. Drowsiness. Headache. Itching. Rash. Weight gain. Vision, speech, or walking problems. Ringing in ears. Tremors. Trouble breathing. Fast heartbeat or palpitations.

Potential Health Effects

Persons sensitive to any of the non-steroidal anti-inflammatory drugs, including aspirin, may be sensitive to this material also. This material may cause bronchoconstriction or anaphylaxis in aspirin-sensitive asthmatics, especially those with aspirin-induced nasal polyps, allergies, and asthma. Special Remarks on other Toxic Effects on Humans: Not available. Dehydration. For non-steroidal anti-inflammatory drugs (NSAIDs): Asthma. Aspirin allergy. Active alcoholism. Anaemia. Impaired kidney or liver function. Cardiovascular disorders. Bleeding disorders. Peptic ulcer or gastrointestinal bleeding. Hypertension. Steatitis.

Target Organ(s) For non-steroidal anti-inflammatory drugs (NSAIDs): Gastrointestinal ulceration or bleeding. Hypertension. Kidney it

Section 12: Ecological Information**Ecotoxicity**

EC50/48h: 50mg/l (dolphin) IC50/72h: 13mg/l (Algae) LC50/96h: 50mg/l (fish)

Persistence and Degradability

Not readily biodegradable

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

UN Number DOT, ADR, IMDG, IATA | 2811 UN Proper Shipping Name: Toxic Solid Organic N.O.S. (Meloxicam) DOT, ADR, IMDG, IATA Transport Hazard Class: 6.1 Toxic substances DOT, ADR, IMDG, IATA Packing Group: III

Section 15: Regulatory Information**Regulations**

EU Regulations Risk Phrases This product is not classified according to the EU regulations. U.S. Federal Regulations: TSCA: No products were found. SARA 302/304/311/312 extremely hazardous substances: No products were found. SARA 302/304 emergency planning and notification: No products were found. SARA 302/304/311/312 hazardous chemicals: No products were found. SARA 311/312 MSDS distribution -chemical inventory -hazard identification: No products were found. SARA 313 toxic chemical notification and release reporting: No products were found. Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean air act (CAA) 112 accidental release prevention: No products were found. Clean air act (CAA) 112 regulated flammable substances: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found. HCS Classification Not controlled under the HCS (United States). WHMIS (Canada) Not controlled under WHMIS (Canada). No products were found.



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Meloxicam USP

55-4476

Other

N/A

Section 16: Other Information

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 Swati Spentose Pvt. Ltd. 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 Swati SPentose Pvt.Ltd. has been advised of the possibility of such damages.