



MATERIAL SAFETY DATA SHEET

α -Benzoin oxime

SECTION 1: Identification of the substance/mixture and of the company/undertaking			
1.1	Product identifiers		
	Product name	:	α -Benzoin oxime
	Brand	:	LABORT
	CAS-No.	:	441-38-3
1.2	Relevant identified uses of the substance or mixture and uses advised against		
	Identified uses	:	Laboratory chemicals, Industrial
1.3	Details of the supplier of the safety data sheet		
	LABORT FINE CHEM PVT LTD. 703-704 ICON BUSINESS CENTRE, OPP. CENTRAL MALL, NR. VALENTINE CINEMA, DUMAS ROAD, SURAT - 395007, (GUJARAT), INDIA. PH: 0091-261-2725761; 2725388 FAX: 0091-261-2725388 E MAIL: info@laboratorychemical.net WEBSITE: www.laboratorychemical.net		
1.4	Emergency telephone number		
	Emergency Phone #	:	091-261-2725388
SECTION 2: Hazards identification			
2.1	Classification of the substance or mixture		
	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		
2.2	Label elements		
	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008		
	Supplemental Hazard statements		
	None		
2.3	Other hazards		
	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.		
SECTION 3: Composition/information on ingredients			
3.1	Substances		
	Synonyms	:	Cuprone α -Benzoin oxime
	Formula	:	C ₁₄ H ₁₃ NO ₂

	Molecular weight	:	227,26 g/mol
	CAS-No.	:	441-38-3
	EC-No.	:	207-127-2
SECTION 4: First aid measures			
4.1	Description of first aid measures		
	If inhaled After inhalation: fresh air. In case of skin contact In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. In case of eye contact After eye contact: rinse out with plenty of water. Remove contact lenses. If swallowed After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.		
4.2	Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11		
4.3	Indication of any immediate medical attention and special treatment needed No data available		
SECTION 5: Firefighting measures			
5.1	Extinguishing media Unsuitable extinguishing media For this substance/mixture no limitations of extinguishing agents are given.		
5.2	Special hazards arising from the substance or mixture Carbon oxides Nitrogen oxides (NOx)		
5.3	Advice for firefighters In the event of fire, wear self-contained breathing apparatus.		
5.4	Further information Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.		
SECTION 6: Accidental release measures			
6.1	Personal precautions, protective equipment and emergency procedures Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.		
6.2	Environmental precautions Do not let product enter drains.		
6.3	Methods and materials for containment and cleaning up Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.		
6.4	Reference to other sections For disposal see section 13.		
SECTION 7: Handling and storage			
7.1	Precautions for safe handling For precautions see section 2.2.		
7.2	Conditions for safe storage, including any incompatibilities Storage conditions Tightly closed. Dry. Storage stability Recommended storage temperature 2 - 8 °C Storage class Storage class (TRGS 510): 11: Combustible Solids		

7.3	Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated	
SECTION 8: Exposure controls/personal protection		
8.1	Control parameters	
	Ingredients with workplace control parameters	
8.2	Exposure controls Personal protective equipment	
	Eye/face protection Use equipment for eye protection tested and approved under appropriate government standards Skin 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. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Full contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min Splash contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the EC approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario. Respiratory protection required when dusts are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system. Recommended Filter type: Filter type P1 The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented. Control of environmental exposure Do not let product enter drains.	
SECTION 9: Physical and chemical properties		
9.1	Information on basic physical and chemical properties	
	Appearance Form	Form: powder
	Colour	white
	Odour	No data available
	Odour Threshold	No data available
	pH	No data available
	Melting point/freezing point	Melting point/range: 153 - 155 °C - lit.
	Initial boiling point and boiling range	No data available
	Flash point	No data available
	Evaporation rate	No data available

	Flammability (solid, gas)	No data available
	Upper/lower flammability or explosive limits	No data available
	Vapour pressure	No data available
	Vapour density	No data available
	Relative density	No data available
	Water solubility	No data available
	Partition coefficient: noctanol/water	No data available
	Auto-ignition temperature	No data available
	Decomposition temperature	No data available
	Viscosity	Viscosity, kinematic: No data available Viscosity, dynamic: No data available
	Explosive properties	No data available
	Oxidizing properties	No data available
9.2	Other safety information	No data available
SECTION 10: Stability and reactivity		
10.1	Reactivity No data available	
10.2	Chemical stability The product is chemically stable under standard ambient conditions (room temperature) .	
10.3	Possibility of hazardous reactions No data available	
10.4	Conditions to avoid No data available	
10.5	Incompatible materials Strong acids, Strong oxidizing agents	
10.6	Hazardous decomposition products In the event of fire: see section 5	
SECTION 11: Toxicological information		
11.1	Information on toxicological effects Acute toxicity Oral: No data available Inhalation: No data available Dermal: No data available Skin corrosion/irritation Remarks: No data available Serious eye damage/eye irritation Eyes - Rabbit Result: Mild eye irritation - 24 h Respiratory or skin sensitisation No data available Germ cell mutagenicity No data available Carcinogenicity No data available Reproductive toxicity No data available Specific target organ toxicity - single exposure No data available	

	Specific target organ toxicity - repeated exposure No data available Aspiration hazard No data available Additional Information RTECS: DI1750000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.		
11.2	Additional Information		
	RTECS: DI1750000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.		
SECTION 12: Ecological information			
12.1	Toxicity		
	No data available		
12.2	Persistence and degradability No data available		
12.3	Bioaccumulation No data available		
12.4	Mobility in soil No data available		
12.5	Results of PBT and vPvB assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.		
12.6	Endocrine disrupting properties No data available		
12.7	Other adverse effects No data available		
SECTION 13: Disposal considerations			
13.1	Product Offer surplus and non-recyclable solutions to a licensed disposal company. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle un-cleaned containers like the product itself. Contaminated packaging Dispose of as unused product.		
SECTION 14: Transport information			
14.1	UN number		
	ADR/RID: -	IMDG: -	IATA: -
14.2	UN proper shipping name		
	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods		
14.3	Transport hazard class(es)		
	ADR/RID: -	IMDG: -	IATA: -
14.4	Packaging group		
	ADR/RID: -	IMDG: -	IATA: -

14.5	Environmental hazards		
	ADR/RID : no	IMDG Marine pollutant: no	IATA:no
14.6	Special precautions for user No data available Further information Not classified as dangerous in the meaning of transport regulations.		
SECTION 15: Regulatory information			
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. Other regulations Take note of Dir 94/33/EC on the protection of young people at work.		
15.2	Chemical safety assessment For this product a chemical safety assessment was not carried out		
SECTION 16: Other information			
	Further information LABORT FINE CHEM PVT LTD. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. LABORT FINE CHEM PVT LTD. Makes no representations or warranties, either express or implied, including without limitation any warranties or merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, LABORT FINE CHEM PVT LTD. will not be responsible for damages resulting from use of or reliance upon this information. Revised on: 12/10/2024 Revision: 00		