

# FeBABE

## MATERIAL SAFETY AND DATA SHEET

Section 1 Chemical Product and Company Identification	
<b>Name</b>	FeBABE Cat.# UP994760, 1mg
<b>Synonyms</b> (CAS, chemical names, tradename, abbreviates...)	p-Bromoacetamidobenzyl-EDTA, iron (III) chelate, MW: 589.14
<b>Company identification</b>	UPTIMA-INTERCHIM 213 J.F.Kennedy, 03100 Montluçon (FRANCE) Tel. :+33 (0)4 70 03 88 55 Fax: +33 (0)4 70 03 82 60 e-mail: uptima@interchim.com
<b>In case of Emergency</b>	In Europe: Call UPTIMA-INTERCHIM Tel.: +33 4 70 03 88 55 out of office: Centre anti Poisons de Lyon Tel.: +33 4 72 11 69 11 In US: call CHEMTREC Tel.: 800;424;9300

Section 2 Composition, Information on Ingredients	
<b>Component</b>	<b>Hazardous ingredients</b> <b>Information</b> (Identification, CAS, Name...) (% weight, state...)
#UP24221	p-Bromoacetamidobenzyl-N,N,N',N'-Tetraacetic acid, iron (III) chelate, MW: 589.14 100%, powder

Section 3 Hazards Identification	
<b>Label precautionary statement</b>	-
<b>Emergency overview</b>	
<b>Accute health effects</b> (Eye, Skin, Ingestion, Inhalation, Chronic)	May be harmful by inhalation, ingestion, or skin absorption. Causes eye and skin irritation. The material is irritating to mucous membranes and upper respiratory tract.
<b>Other information</b> (over-exposure, toxicity...)	See section 11
<b>Precautionary guidelines</b>	Wear suitable protective clothing, gloves and eye/face when handling to avoid contact

Section 4 First aid Measures	
<b>General measures</b>	Remove contaminated clothing promptly. Allow the victim to rest in a well ventilated area, Seek medical attention
<b>Emergency first measures</b> (Eyes, Skin, Ingestion, Inhalation...)	In case of contact with eyes, immediately flush eyes with copious amounts of water for at least 15minutes. in case of contact with skin, wash with soap and copious amounts of water. Assure adequate flushing of the eyes by separating the eyelids with fingers. In inhaled, remove to fresh air. If not breathing, give artificial respiration. Wash contaminated clothing before reuse.
<b>Notes to physicians</b>	Treat symptomatically

Section 5 Fire Fighting Measures	
<b>Physical Information</b> (Flammability, auto-ignition, flash point...)	Flash point: not available Flammable limits: not available Sensitivity to explosion: not available. Fire may produce irritating or poisonous gases.
<b>General information</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective clothing (chemical safety clothes, rubber boots, and heavy rubber gloves) see section 8)
<b>Extinguishing media</b>	In case of fire, use water or extinguishing media (carbon dioxide, fry chemical powdern foam, water) appropriate to surrounding fire conditions.
<b>Spills and Leaks</b>	Sweep up or vacuum material and place into a suitable disposal container

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Section 6 Accidental Release Measures	
<b>General information</b>	Wear a proper personal protective equipment to avoid skin and eye exposure (see section 8): wear respirator, rubber boots, chemical resistant gloves. Avoid raising dust.
<b>Spills and Leaks</b>	Sweep up or vacuum material and place into a suitable waste disposal container. Clean contaminated surfaces by spreading water. Ventilate area. Dispose off according to local and regional authority requirements.
<b>Other</b>	

Section 7 Handling and Storage	
<b>Handling</b>	Wear a proper personal protective equipment to avoid skin and eye exposure (see section 8)
<b>Storage</b>	Store well tighed at -20°C in a dry place. Protect from moisture.

Section 8 Exposure Controls, Personal Protection	
<b>Engineering controls</b>	Ensure there is a fume hood, and an eyewash stations and safety showers close to the work-stations. Avoid breathing vapors, and provide an exhaust ventilation if prolonged work periods.
<b>Personal protection (eyes, hands, body, respiratory...)</b>	For normal use, rubber gloves usually sufficient when handled properly in a chemical fume hood. Wear protective clothing (laboratory suit, safety goggles) to prevent skin contact. Wash or discard contaminated clothes if reused. Do not breath dust. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure. Keep tighly closed, store in a cool place. In case of large use or spill, additionnal protective wears may be needed (boots, splash goggles and safety glasses...). Wear a NIOSH/MSHA or European Standard EN 149 approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions.
<b>Exposure limits</b>	consult local authorities

Section 9 Physical and Chemical Properties	
<b>Physical state / Appearance</b>	Solid Appearance: yellowish brown powder
<b>Odor</b>	
<b>Other (pH, Melting/Freezing Point, Vapor Pressure, Vapor Density, Volatility, Boiling Point, Viscosity, Flash point, Auto-ignition temperature, Explosion limits (low.Upp.), Specific Gravity / Density, Molecular Formula /MW</b>	Melting point: not available Boiling point: not applicable Vaper Pressure: not applicable Water soluble (1 mg/ml H <sub>2</sub> O, 20mM DMSO) pH : (5% solution) 1.8 MW: 286.65 other datas not available
<b>Comments</b>	Stable

Section 10 Stability and Reactivity	
<b>Chemical Stability</b>	This product is stable under normal storage and handling conditions (normal temperature and pressure)
<b>Chemical Reactivity (conditions, by -products...)</b>	
<b>Incompatibilities (conditions, materials...)</b>	conditions to availsds are heatn sunlight, high temperature and moisture Materials to avoid are strong oxidizing agents, strong acids, and moisture.
<b>Decomposition polymerisation (conditions, materials...)</b>	When decomposed, it may emit toxic fumes of carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides (NO, NO <sub>2</sub> ) and hudrogene bromide gas.. Polymerisation will not occur.
<b>Comments</b>	

Section 11 Toxicological Information	
<b>Toxicity in animals in human</b>	Not available Not available
<b>Chronic effects (carcinogenicity, teratogenicity, reproductive toxicity, mutagenesis)</b>	Carcinogenicity (not listed in RTECS). No data available about signs and symptoms of exposure, nor medical condtions generally aggravated by exposure.
<b>Remarks (RTECS...)</b>	See actual entry in RTECS for complete information

For any question,  
contact you local distributor

Uptima,  
powered by



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Section 12 Ecological Information	
Ecotoxicity (BOD5, COD...)	Not available
Biodegradation	
Mobility	
Remarks	

Section 13 Disposal Considerations	
Waste	Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all local regulations.
Remarks	Consult your local or regional authority or a licensed professional waste service

Section 14 Transport Information	
Classifications (Other classifications)	Not controlled under DOT controlled material (USA), ICAO/IATA, IMDG, ADR (Europe)
Shipping	Room temperature
Hazards Class	
UN Class	
Packing Group	
Comments (marine pollutants...)	

Section 15 Regulatory Information	
Classification Europe	* European labeling in accordance with EC directives Not Regulated according EU regulations (DSCL/EEC) CAUTION: product not yet fully tested
Other classifications	

Section 16 Additional Information	
MSDS validation	UPTIMA-INTERCHIM, C04E
Comment	<i>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 way shall the company 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 the company has been advised of the possibility of such damages</i>