

# Acrylamide/bis Acrylamide

## MATERIAL SAFETY AND DATA SHEET

Section 1		Chemical Product and Company Identification	
<b>Name</b>	nom Acrylamide/Bis Acrylamide	Cat.# UP86489B, UP86489C, UP864927, UP864928, UP864937, UP864938	
<b>Synonyms</b> (CAS, chemical names, tradename, abbreviates...)	ACRYLAMIDE CAS #:79-06-1, RTECS # AS3325000, EEC # 2317912  N,N'-METHYLENEBISACRYLAMIDE CAS #110-26-9, RTECS # AS3678000, EEC #2011737		
<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: <a href="mailto:uptima@interchim.com">uptima@interchim.com</a>	
<b>In case of Emergency</b>	In Europe: Call UPTIMA-INTERCHIM out of office: Centre anti Poisons de Lyon In US: call CHEMTREC	Tel.: +33 4 70 03 88 55 Tel.: +33 4 72 11 69 11 Tel.: 800;424;9300	

Section 2		Composition, Information on Ingredients	
<b>Component</b>	<b>Hazardous ingredients</b> (Identification, CAS, Name...)	<b>Information</b> (% weight, state...)	
Cat.# UP86489B, UP86489C, UP864927, UP864928, UP864937, UP864938	ACRYLAMIDE CAS #:79-06-1, RTECS # AS3325000, EEC # 2317912  N,N'-METHYLENEBISACRYLAMIDE CAS #110-26-9, RTECS # AS3678000, EEC #2011737		

Section 3		Hazards Identification	
<b>Label precautionary statement</b>	Very toxic Very toxic in contact with skin and if swallowed. May cause cancer. Danger of serious damage to health by prolonged exposure. Wear suitable protective clothing, gloves and eye/face protection.		
<b>Emergency overview</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Take off immediately all contaminated clothing		
<b>Accute health effects</b> (Eye, Skin, Ingestion, Inhalation, Chronic)	Very toxic Very toxic in contact with skin and if swallowed. May cause cancer. Danger of serious damage to health by prolonged exposure. Wear suitable protective clothing, gloves and eye/face protection.		
<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 skin contact, wash thoroughly In case of eye contact, rinse immediately 15min by separating eyelids, and seek for medical advice If inhaled, remove victim to fresh air. If difficult breathing, give oxygen and obtain medical attention. If not breathing, give artificial respiration. If ingested, do NOT induce vomiting, If conscious and alert, rinse mouth, drink plenty of water, and seek for medical advice.		
<b>Notes to physicians</b>	Treat symptomatically		

Section 5 Fire Fighting Measures	
<b>Physical Information</b> (Flammability, auto-ignition, flash point...)	Emits Toxic Fumes Under Fire Conditions.
<b>General information</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective clothing (see section 8)
<b>Extinguishing media</b>	In case of fire, use water or extinguishing media (carbon dioxide, dry chemical powder, or appropriate foam) appropriate to surrounding fire conditions.
<b>Spills and Leaks</b>	Sweep up or vacuum material and place into a suitable disposal container

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, chemical safety goggles
<b>Spills and Leaks</b>	Absorb with an inert material and place in closed containers for Disposal.
<b>Other</b>	Ventilate area and wash spill site after material pickup is complete.

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>	Storage in a cool dry place, keep tightly closed.

Section 8 Exposure Controls, Personal Protection	
<b>Personal protection</b> (eyes, hands, body, respiratory...)	For normal use, rubber gloves usually sufficient when handled properly. Wear protective clothing (laboratory suit, safety goggles) to prevent skin contact. Wash or discard contaminated clothes if reused. Safety shower and eye bath. Compatible chemical-resistant gloves. Wear a NIOSH/MSHA or European Standard EN 149 approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions Do not breathe vapor. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep tightly closed, store in a cool place.
<b>Exposure limits</b>	Consult local authorities

Section 9 Physical and Chemical Properties	
<b>Physical state / Appearance</b>	Liquid
<b>Odor</b>	No remarkable odor

Section 10 Stability and Reactivity	
<b>Chemical Stability</b> <b>Chemical Reactivity</b> (conditions, by-products...)	This product is stable under normal storage and handling conditions (normal temperature and pressure) Store away from heat and direct sunlight
<b>Incompatibilities</b> (conditions, materials...)	Strong oxidizing agents, strong acids and bases
<b>Decomposition polymerisation</b> (conditions, materials...)	Hazardous combustion or decomposition may happen with strong oxidizing agents, strong acids and bases or fire. products of combustion are toxic fumes carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides (NO, NO <sub>2</sub> ). Hazardous polymerisation container explosion may occur under fire conditions.
<b>Comments</b>	

Section 11 Toxicological Information	
<b>Acute effects</b>	Harmful by inhalation, ingestion, or skin absorption. May cause eye and skin irritation. May cause nervous system disturbances.
<b>Chronic effects</b> (carcinogenicity, teratogenicity, reproductive toxicity, mutagenesis)	Carcinogen May alter genetic material. overexposure may cause reproductive Disorders based on tests with laboratory animals. To the best of our knowledge, the chemical, physical, and Toxicological properties have not been thoroughly investigated

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<b>Remarks</b> (RTECS...)	See actual entry in RTECS for complete information
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<b>Section 12 Ecological Information</b>	
<b>Ecotoxicity (BOD5, COD...)</b> <b>Biodegradation</b> <b>Mobility</b>	Not available

<b>Section 13 Disposal Considerations</b>	
<b>Waste</b>	Observe all local regulations.
<b>Remarks</b>	Consult your local or regional authority or a licensed professional waste service

<b>Section 14 Transport Information</b>	
<b>Classifications</b> (Other classifications)	Proper shipping name: Toxic, Liquid, Organic, N.O.S (contains acrylamide)
<b>Shipping</b>	Room temperature
<b>Hazards Class</b>	
<b>UN Class</b>	UN#2810
<b>Packing Group</b>	packing group III
<b>Comments</b> (marine pollutants...)	

<b>Section 15 Regulatory Information</b>	
<b>Classification Europe</b>	European labeling in accordance with EC directives Very toxic
<b>Other classifications</b>	Risk phrases: R26/27/28 Very toxic by inhalation, in contact with skin and if swallowed R45 may cause cancer R40 Possible risk of irreversible effects Safety phrases: S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

<b>Section 16 Additional Information</b>	
<b>MSDS validation</b>	UPTIMA-INTERCHIM, D03A
<b>Comment</b>	<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>