Acrylamide/bis Acrylamide

MATERIAL SAFETY AND DATA SHEET

Section 1	Chemical Product and Company Identification	
Name	nom Acrylamide/Bis Acrylamide	Cat.# UP86489B, UP86489C, UP864927, UP864928, UP864937, UP864938
Synonyms **(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	
Company identification	UPTIMA-INTERCHIM	213 J.F.Kennedy, 03100 Montlucon (FRANCE) Tel. :+33 (0)4 70 03 88 55 Fax: +33 (0)4 70 03 82 60 e-mail: uptima@interchim.com
In case of Emergency	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	
Component	**Hazardous ingredients** **(Identification, CAS, Name…)**	**Information** **(% 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
Label precautionary statement	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.
Emergency overview	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Take off immediately all contaminated clothing
Accute health effects **(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.
Precautionnary guidelines	Wear suitable protective clothing, gloves and eye/face when handling to avoid contact

Section 4	First aid Measures
General measures	Remove contaminated clothing promptly. Allow the victim to rest in a well ventilated area, Seek medical attention
Emergency first measures (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.
Notes to physicians	Treat symptomatically

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

Section 6	Accidental Release Measures
General information	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
Spills and Leaks	Absorb with an inert material and place in closed containers for Disposal.
Other	Ventilate area and wash spill site after material pickup is complete.

Section 7	Handling and Storage
Handling	Wear a proper personal protective equipment to avoid skin and eye exposure (see section 8)
Storage	Storage in a cool dry place, keep tightly closed.

Section 8	Exposure Controls, Personal Protection
Personal protection **(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 tighly closed, store in a cool place.
Exposure limits	Consult local authorities

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

Section 10	Stability and Reactivity
Chemical Stability **Chemical Reactivity** **(conditions, by -products…)**	This product is stable under normal storage and handling conditions (normal temperature and pressure) Store away from heat and direct sunlight
Incompatibilities **(conditions, materials…)**	Strong oxidizing agents, strong acids and bases
Decomposition polymerisation **(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, CO2), nitrogen oxides (NO, NO2). Hazardous polymerisation container explosion may occur under fire conditions.
Comments	

Section 11	Toxicological Information
Acute effects	Harmful by inhalation, ingestion, or skin absorption. May cause eye and skin irritation. May cause nervous system disturbances.
Chronic effects **(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

Remarks (RTECS…)	See actual entry in RTECS for complete information

Section 12	Ecological Information
Ecotoxicity (BOD5, COD…) **Biodegradation** **Mobility**	Not available

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

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

Section 15	Regulatory Information
Classification Europe	European labeling in accordance with EC directives Very toxic 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
Other classifications	

Section 16	Additional Information
MSDS validation	UPTIMA-INTERCHIM, D03A
Comment	*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*

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