

## MATERIAL SAFETY DATA SHEET



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**SECTION 1. ----- CHEMICAL IDENTIFICATION-----**

CATALOG #: IB70016 & IB70017  
NAME: ACRYLAMIDE/BIS 29:1  
CAS#: N/A BLEND

**SECTION 2. ----- HAZARDS IDENTIFICATION -----**
**LABEL PRECAUTIONARY STATEMENTS**

VERY TOXIC  
VERY TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED.  
MAY CAUSE CANCER.  
IRRITANT  
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.  
NEUROTOXIN  
SUSPECTED TERATOGEN  
POSSIBLE RISK OF IMPAIRED FERTILITY  
DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE.  
WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.  
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND  
SEEK MEDICAL ADVICE. TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING.

HMS:      NFPA:  
H: 3      H: 2  
F: 1      F: 2  
R: 2      R: 2  
PE: I      SH: N/A

**SECTION 3. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----**

CHEMICAL NAME	CAS #	RTECS #	EINECS#
ACRYLAMIDE	79-06-1	AS3325000	201-173-7
N,N'-METHYLENEBISACRYLAMIDE	110-26-9	AS3678000	203-750-9

SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

**SECTION 4. ----- FIRST-AID MEASURES-----**

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.  
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN W/SOAP & COPIOUS AMOUNTS OF H<sub>2</sub>O.  
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.  
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.  
CALL A PHYSICIAN.  
WASH CONTAMINATED CLOTHING BEFORE REUSE.

**SECTION 5. ----- FIRE FIGHTING MEASURES -----**

EXTINGUISHING MEDIA

WATER SPRAY.

CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

**SECTION 6. ----- ACCIDENTAL RELEASE MEASURES-----**

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

ABSORB WITH AN INERT MATERIAL AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

**SECTION 7. ----- HANDLING AND STORAGE-----**

DO NOT BREATHE VAPOR.

AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

WASH THOROUGHLY AFTER HANDLING.

KEEP TIGHTLY CLOSED.

HYGROSCOPIC

LIGHT SENSITIVE

AIR SENSITIVE

STORE IN A COOL DRY PLACE

STORE AT ROOM TEMPERATURE.

**SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----**

CHEMICAL SAFETY GOGGLES.

COMPATIBLE CHEMICAL-RESISTANT GLOVES.

NIOSH/MSHA-APPROVED RESPIRATOR.

SAFETY SHOWER AND EYE BATH.

MECHANICAL EXHAUST REQUIRED.

**SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES -----**

APPEARANCE

POWDER

**SECTION 10. ----- STABILITY AND REACTIVITY -----**

STABILITY

STABLE AT ROOM TEMPERATURE

CONDITIONS TO AVOID

STORE AWAY FROM HEAT AND DIRECT SUNLIGHT

INCOMPATIBILITIES

LIGHT

MOISTURE

AIR

STRONG OXIDIZING AGENTS

ACIDS

BASES

HAZARDOUS POLYMERIZATION

CONTAINER EXPLOSION MAY OCCUR UNDER FIRE CONDITIONS.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
TOXIC FUMES OF:  
CARBON MONOXIDE, CARBON DIOXIDE  
NITROGEN OXIDES

**SECTION 11. ----- TOXICOLOGICAL INFORMATION -----**

ACUTE EFFECTS

HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.  
MAY CAUSE NERVOUS SYSTEM DISTURBANCES.  
CAUSES EYE AND SKIN IRRITATION.  
MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

CHRONIC EFFECTS

CARCINOGEN  
MAY CAUSE CONGENITAL MALFORMATION IN THE FETUS.  
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.

**SECTION 12. ----- ECOLOGICAL INFORMATION -----**

DATA NOT YET AVAILABLE.

**SECTION 13. ----- DISPOSAL CONSIDERATIONS -----**

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

**SECTION 14. ----- TRANSPORT INFORMATION -----**

UN #: 2074  
PROPER SHIPPING NAME: ACRYLAMIDE, SOLID  
PG: III  
CLASS: 6.1

**SECTION 15. ----- REGULATORY INFORMATION -----**

EUROPEAN INFORMATION  
VERY TOXIC



*Very toxic (T+)*

R: 26/27/28  
MAY IMPAIR FERTILITY. MAY CAUSE HARM TO THE UNBORN CHILD.  
R 60/61  
MAY CAUSE CANCER  
R: 45

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN



*Irritant (Xi)*

R 36/37/38

POSSIBLE RISK OF IRREVERSIBLE EFFECTS.

R: 68

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.

S: 36/37/39

**SECTION 16. ----- OTHER INFORMATION-----**

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