

## MATERIAL SAFETY DATA SHEET



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

CATALOG#: IB70022 & IB70023  
NAME: ACRYLAMIDE/BISACRYLAMIDE - 19:1  
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.  
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 #   | %     |
|-----------------------------|----------|-----------|-------|
| ACRYLAMIDE                  | 79-06-1  | AS3325000 | 17-21 |
| N,N'-METHYLENEBISACRYLAMIDE | 110-26-9 | AS3678000 | 0-3   |

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 WITH SOAP AND COPIOUS AMOUNTS OF WATER.  
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.

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 RECOMMENDED.

**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

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 EYE AND SKIN IRRITATION.

MAY CAUSE NERVOUSE SYSTEM DISTURBANCES.

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

R: 26/27/28

VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.



*Very toxic (T+)*

R 45

MAY CAUSE CANCER

R: 68

POSSIBLE RISK OF IRREVERSIBLE EFFECTS.

R 60/61

MAY IMPAIR FERTILITY. MAY CAUSE HARM TO THE UNBORN CHILD.

S: 36/37/39

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

U.S. INFORMATION

THIS PRODUCT IS SUBJECT TO SARA SECTION 313 REPORTING REQUIREMENTS.

CALIFORNIA PROPOSITION 65:

THIS PRODUCT IS OR CONTAINS CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

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

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