

MATERIAL SAFETY DATA SHEET

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

CODE #: 0673
NAME: ACRYL/BIS 29:1 PRODUCTS

SECTION 2. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

CHEMICAL NAME	CAS #	RTECS #
ACRYLAMIDE	79-06-1	AS3325000
N,N'-METHYLENEBISACRYLAMIDE	110-26-9	AS3678000

SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

SECTION 3. ----- 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.

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 - - - - -

REFER TO SECTION 8.

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.

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.

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 NERVOUSE 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

R: 26/27/28

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

R 60/61

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

R: 45

MAY CAUSE CANCER

R 36/37/38

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN

R: 68

POSSIBLE RISK OF IRREVERSIBLE EFFECTS.

S: 36/37/39

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

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

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