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MATERIAL SAFETY DATA SHEET

Acryl/Bis 19:1

In Case of Emergency: Call ChemTrac (24 hr): 800-424-9300, 703-527-3887 Call (330)425-2522

1. Product Identification

CODE #: 20-120, 20-121

NAME: ACRYL/BIS 19:1 SOLUTION

CAS #: N/A BLEND

2. Composition/Information on Ingredients

CHEMICAL NAME	CAS #	RTECS #	%:
ACRYLAMIDE	79-06-1	AS3325000	30-40
N,N'-METHYLENEBISACRYLAMIDE	110-26-9	AS3678000	<5.0

SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

3. Hazards Identification

LABEL PRECAUTIONARY STATEMENTS

VERY TOXIC

VERY TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED.

MAY CAUSE CANCER.

MAY CAUSE HERITABLE GENETIC DAMAGE.

NEUROTOXIN

IRRITATING TO EYES AND SKIN.

READILY ABSORBED THROUGH SKIN.

TARGET ORGAN(S):

NERVES

KIDNEYS

AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE

IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE

PROTECTION.

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.

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.

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.

7. Handling and Storage

REFER TO SECTION 8.

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.

STORE IN A COOL DRY PLACE.

9. Physical and Chemical Properties

APPEARANCE AND ODOR

LIQUID.

10. Stability and Reactivity

STABILITY

STABLE AT ROOM TEMPERATURE

CONDITIONS TO AVOID

STORE AWAY FROM HEAT AND DIRECT SUNLIGHT

MAY POLYMERIZE ON EXPOSURE TO LIGHT

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS

ACIDS

BASES

AIR SENSITIVE

HAZARDOUS POLYMERIZATION

CONTAINER EXPLOSION MAY OCCUR UNDER FIRE CONDITIONS.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF:

CARBON MONOXIDE, CARBON DIOXIDE

NITROGEN OXIDES

11. Toxicological Information

ACUTE EFFECTS

TOXIC IF SWALLOWED OR ABSORBED THROUGH SKIN.
MAY BE HARMFUL IF INHALED.
CAUSES EYE AND SKIN IRRITATION.
MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER
RESPIRATORY TRACT.
READILY ABSORBED THROUGH SKIN.
MAY CAUSE NERVOUS SYSTEM DISTURBANCES.

CHRONIC EFFECTS

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.

12. Ecological Information

DATA NOT YET AVAILABLE.

13. Disposal Considerations

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

14. Transport Information

UN #: 2810
PROPER SHIPPING NAME: TOXIC LIQUID, ORGANIC, N.O.S. (CONTAINING ACRYLAMIDE)
PG: III
CLASS: 6.1

15. Regulatory Information

EUROPEAN INFORMATION

VERY TOXIC
R: 26/27/28
VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED..
R: 45
MAY CAUSE CANCER
R: 68
POSSIBLE RISK OF IRREVERSIBLE EFFECTS.
R: 36/37/38
IRRITATING TO EYES, SKIN AND RESPIRATORY SYSTEM
S: 36/37/39
WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.

Status: Accepted

Reviewed By: Brady Chung

Review Date: 7/23/2009

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