MATERIAL SAFETY DATA SHEET

SECTION 1.  -  -  -  -  -  - CHEMICAL IDENTIFICATION

PRODUCT #: 12866
NAME: INDOLE-3-ACETIC ACID PLANT CELL CULTURE

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

CAS #: 87-51-4
MF #: C10H9NO2
SYNONYMS
INDOL-3-YLACETIC ACID * ACETIC ACID, INDOLYL-3-ACETIC ACID, 3-INDOLYLACETIC ACID, IAA, IAA, BETA-INDOLEACETIC ACID, BETA-INDOLE-3-ACETIC ACID, 3-INDOLEACETIC ACID, BETA-INDOLE-3-ACETIC ACID, BETA-INDOLYLACETIC ACID, 3-INDOLYLACETIC ACID, 3-INDOLYLACETIC ACID, KYSELINA 3-INDOLYLACETUA (CZECH) * RHIZOPIN * RHIZOPIN A * OMEGA-SKATOLE CARBOXYLIC ACID *

SECTION 3.  -  -  -  - HAZARDS IDENTIFICATION

LABEL PRECAUTIONARY STATEMENTS
CAUTIONS
THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.
EXERCISE DUE CARE.

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 CONTINUE ON NEXT PAGE
MATERIAL SAFETY DATA SHEET

PRODUCT #: 12836
NAME: INDOLE-3-ACETIC ACID PLANT CELL CULTURE

PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSION HAZARDS.

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. ACCIDENTAL RELEASE MEASURES

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

Sweep up, place in a bag and hold for waste disposal.

AVOID RAISING DUST.

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

REFER TO SECTION 8.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL SAFETY GOGGLES.

RUBBER GLOVES.

NATIONAL/OSHA-APPROVED RESPIRATOR.

SAFETY SHOWER AND EYE BATH.

MECHANICAL EXHAUST REQUIRED.

AVOID CONTACT AND INHALATION.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

WASH THOROUGHLY AFTER HANDLING.

KEEP TIGHTLY CLOSED.

STORE IN A COOL DRY PLACE.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: OFF-WHITE POWDER.

MELTING POINT: 165°C TO 169°C.

SECTION 10. STABILITY AND REACTIVITY

INCOMPATIBILITIES: STRONG OXIDIZING AGENTS.

CONTINUED ON NEXT PAGE
PRODUCT #: I2886
NAME: INDOLE-3-ACETIC ACID PLANT CELL CULTURE
MF: C10H9NO2

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

SECTION 11. ---- TOXICOLOGICAL INFORMATION ----
ACUTE EFFECTS
MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
MAY CAUSE IRRITATION.
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.
RTGS NO: NL3150000
IH-INDOLE-3-ACETIC ACID
TOXICITY DATA
IPR-MUS LD50: 150 MG/KG
TARGET ORGAN DATA
SPECIFIC DEVELOPMENTAL ABNORMALITIES (MUSCULOSKELETAL SYSTEM)
TUMORIGINIC (EQUIVOCAL TUMORIGINIC AGENT BY RTGS CRITERIA)
TUMORIGINIC (APPEARANCE OF TUMOR TYPES MAY NOT BE SPONTANEOUS)
ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES
(RTGS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTGS FOR
COMPLETE INFORMATION.

SECTION 12. ---- ECOLOGICAL INFORMATION ----
DATA NOT YET AVAILABLE.

SECTION 13. ---- DISPOSAL CONSIDERATIONS ----
DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A
CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.
OBVERSE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. ---- TRANSPORT INFORMATION ----
CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. ---- REGULATORY INFORMATION ----
CONTINUED ON NEXT PAGE
MATERIAL SAFETY DATA SHEET

PRODUCT #: 12886
MF#: C10H9NO2

NAME: INDOLE-3-ACETIC ACID PLANT CELL CULTURE

REVIEW, STANDARDS, AND REGULATIONS
NHHS 1974: HZD 83421; NIS 1; TNE 5; NOS 1; TNE 27
EPA TSCA CHEMICAL INVENTORY, JUNE 1993
EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, JULY 1994

SECTION 16. OTHER INFORMATION

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