

MATERIAL SAFETY DATA SHEET

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IDENTITY/HAZARDS

NAME: SODIUM CHOLATE, SOL-GRADE®

CATALOG # S1010S

CAS #: [361-09-1] / MF: C₂₄H₃₉O₅Na

SYNONYMS: CHOLALIN * CHOLAN-24-OIC ACID, 3,7,12-TRIHYDROXY-, (3-ALPHA, 5-BETA, 7-ALPHA, 12-ALPHA)- (9CI) * CHOLSÆURE (GERMAN) * COLALIN * 3-ALPHA, 7-ALPHA, 12-ALPHA-TRIHYDROXY-5-BETA-CHOLAN-24-OIC ACID * 3,7,12-TRIHYDROXY-CHOLAN-24-OIC ACID (3-ALPHA, 5-BETA, 7-ALPHA, 12-ALPHA) * 3-ALPHA, 7-ALPHA, 12-ALPHA-TRIHYDROXYCHOLANSÆURE (GERMAN)

PHYSICAL DATA: MELTING PT: 200 C TO 201 C

APPEARANCE AND ODOR: WHITE TO OFF-WHITE POWDER; ODORLESS.

TOXICITY HAZARDS

RTECS NO: FZ960000

LD50 / LC50: ORAL, MOUSE: LD50=2400 MG/KG.

CARCINOGENICITY: NOT LISTED BY ACGIH, IARC, NIOSH, NTP, OR OSHA.

SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

HEALTH HAZARD DATA

ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.

MAY CAUSE IRRITATION.

PROLONGED OR REPEATED EXPOSURE MAY CAUSE ALLERGIC REACTIONS IN CERTAIN SENSITIVE INDIVIDUALS.

THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

EXPOSURE CAN CAUSE COUGHING, CHOKING, AND TIGHTNESS OF THE CHEST.

FIRST AID

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN.

IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN. IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

NOTE TO PHYSICIAN: TREAT SYMPTOMATICALLY AND SUPPORTIVELY.

FIRE AND EXPLOSION HAZARD DATA

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.

Chemical Emergency (24 hr):

- Within U.S. & Canada (800-424-9300)

- International (703-527-3887)

Effective Date: 10/16/1996

Revised: 08/10/2006

REACTIVITY DATA

STABILITY: STABLE.

CONDITIONS TO AVOID: INCOMPATIBLE MATERIALS, EXPOSURE TO MOIST AIR OR WATER.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE

INCOMPATIBILITIES WITH OTHER MATERIALS: STRONG OXIDIZING AGENTS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: WEAR PROTECTIVE EQUIPMENT, 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.

WASTE DISPOSAL METHOD: DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL STATE AND LOCAL LAWS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, AND OTHER PROTECTIVE CLOTHING. MECHANICAL EXHAUST REQUIRED. CAUTION: AVOID CONTACT AND INHALATION

COMMENTS

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