
FOR CHEMICAL EMERGENCIES CALL CHEMTREC 1-800-424-9300.

SECTION I. ----- CHEMICAL IDENTIFICATION -----

NAME: SACCHARIN, SODIUM SALT HYDRATE, 99+%

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

CAS #:82385-42-0

MF: C7H5NO3S

SYNONYMS

SACCHARIN, SODIUM * SACCHARIN SOLUBLE * SODIUM 1,2 BENZISOTHIAZOLIN-3-ONE-1,1-DIOXIDE * SODIUM O-BENZOSULFIMIDE * SODIUMBENZOSULPHIMIDE * SODIUM O-BENZOSULPHIMIDE * SODIUM 2-BENZOSULPHIMIDE * SODIUM SACCHARIN * SULPHOBENZOIC IMIDE, SODIUM SALT *

SECTION III. ----- HAZARDS IDENTIFICATION -----

LABEL PRECAUTIONARY STATEMENTS

TOXIC

MAY CAUSE CANCER.

MAY CAUSE HERITABLE GENETIC DAMAGE.

HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.

TARGET ORGAN(S):

BLADDER

WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION IV. ----- FIRST-AID MEASURES -----

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.

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.

DISCARD CONTAMINATED CLOTHING AND SHOES.

SECTION V. ----- 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 6VI ----- ACCIDENTAL RELEASE MEASURES-----

EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION VII. ----- HANDLING AND STORAGE-----

REFER TO SECTION 8.

SECTION VIII. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES,
SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
SAFETY SHOWER AND EYE BATH.
USE ONLY IN A CHEMICAL FUME HOOD.
DO NOT BREATHE DUST.
AVOID ALL CONTACT.
WASH THOROUGHLY AFTER HANDLING.
CARCINOGEN.
MUTAGEN.
HARMFUL SOLID.
KEEP TIGHTLY CLOSED.
STORE IN A COOL DRY PLACE.

SECTION IX. ----- PHYSICAL AND CHEMICAL PROPERTIES -----

APPEARANCE AND ODOR
WHITE CRYSTALS

SECTION X. -----STABILITY AND REACTIVITY -----

INCOMPATIBILITIES
STRONG OXIDIZING AGENTS
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
TOXIC FUMES OF:
CARBON MONOXIDE, CARBON DIOXIDE
NITROGEN OXIDES
SULFUR OXIDES

SECTION XI. ----- TOXICOLOGICAL INFORMATION -----

ACUTE EFFECTS
HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.
MAY CAUSE IRRITATION.

CHRONIC EFFECTS

CARCINOGEN.

MAY ALTER GENETIC MATERIAL.

TARGET ORGAN(S):

BLADDER

RTECS NO: DE4550000

1,2-BENZISOTHIAZOLIN-3-ONE, 1,1-DIOXIDE, SODIUM SALT

TOXICITY DATA

ORL-RAT LD50:1280 MG/KG

SRTCAC 36(1-4),10,89

IPR-RAT LD50:7100 MG/KG

FCTXAV 6,313,68

ORL-MUS LD50:17500 MG/KG

FCTXAV 6,313,68

TARGET ORGAN DATA

KIDNEY, URETER, BLADDER (BLADDER TUMORS)

EFFECTS ON FERTILITY (MALE FERTILITY INDEX)

TUMORIGENIC (NEOPLASTIC BY RTECS CRITERIA)

TUMORIGENIC (TUMORS AT SITE OF APPLICATION)

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

SECTION XII. ----- ECOLOGICAL INFORMATION -----

DATA NOT YET AVAILABLE.

SECTION XIII. ----- DISPOSAL CONSIDERATIONS -----

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 ENVIRONMENTAL REGULATIONS.

SECTION XIV. ----- TRANSPORT INFORMATION -----

DASTECH INTERNATIONAL, INC. FOR TRANSPORTATION INFORMATION.

SECTION XV. ----- REGULATORY INFORMATION -----

REVIEWS, STANDARDS, AND REGULATIONS

IARC CANCER REVIEW:ANIMAL SUFFICIENT EVIDENCE IMEMDT 22,111,80

IARC CANCER REVIEW:GROUP 2B IMSUDL 7,334,87

NOHS 1974: HZD 80527; NIS 17; TNF 2086; NOS 22; TNE 13433

NOES 1983: HZD X8578; NIS 1; TNF 11; NOS 5; TNE 1150; TFE 591

NOES 1983: HZD 80527; NIS 17; TNF 1516; NOS 39; TNE 59884; TFE 45217

EPA GENETOX PROGRAM 1988, POSITIVE: RODENT DOMINANT LETHAL; D

MELANOGASTER SEX-LINKED LETHAL

EPA GENETOX PROGRAM 1988, POSITIVE/DOSE RESPONSE: IN VITRO SCE-HUMAN LYMPHOCYTES

EPA GENETOX PROGRAM 1988, POSITIVE/DOSE RESPONSE: IN VITRO SCE-HUMAN; IN VITRO SCE-NONHUMAN

EPA GENETOX PROGRAM 1988, NEGATIVE: HISTIDINE REVERSION-AMES TEST;
SPERM MORPHOLOGY-MOUSE
EPA GENETOX PROGRAM 1988, INCONCLUSIVE: D MELANOGASTER-RECIPROCAL
TRANSLOCATION
EPA TSCA CHEMICAL INVENTORY, JUNE 1993
NTP 7TH ANNUAL REPORT ON CARCINOGENS, 1992 : ANTICIPATED TO BE
CARCINOGEN

SECTION XVI. ----- OTHER INFORMATION -----

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL
INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE.

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