

MATERIAL SAFETY DATA SHEET

IDENTIFICATION

PRODUCT #: 73014
NAME: Sodium Salicylate 100mM

CAS#: 54-21-7
MF: C7H5NAO3
EC NO: 200-198-0

SYNONYMS

ALYSINE * ARDALL* AROALL* BENZOIC ACID ,2 -HYDROXY-, MONOSODIUM SALT (9CI)*
CLIN* DIURETIN* ENTEROSALICYL* ENTEROSALIL* 2-HYDROXYBENZOIC ACID
MONOSODIUM SALT* O-HYDROXYBENZOIC SODIUM SALT* IDOCYL NOVUM*
KERASALICYL* KEROSAL* MAGSALYL* MONOSODIUM 2-HYDROXYBENZOATE* NADISAL*
NATRIUM SALICYLAT (GERMAN)* NEO-SALCYL* PARBOCYL-REV* SALICYLIC ACID,
SODIUM SALT* SALISOD* SALSONIN* SODIUM O-HYDROXYBENZOATE* SODIUM
SALICYALTE* SODIUM SALICYLIC ACID*

PHYSICAL DATA

APPEARANCE AND ODOR:

CLEAR LIQUID

TOXICITY HAZARDS

ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
CAUSES EYE AND SKIN IRRITATION.
MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

RTECS # VO5075000
TOXICITY DATA

SALICYLIC ACID, MONOSODIUM SALT
ORL-HMN LDLO: 700 MG/KG
ORL-RAT LD 50: 930 MG/KG
IPR-RAT LD 50: 542 MG/KG
ORL-MUS LD 50: 540 MG'KG
IPR-MUS LD 50: 500 MG/KG
SCU-MUS LD 50: 550 MG/KG
IVN-MUS LD 50: 560 MG/KG
IMS-MUS LD 50: 760 MG'KG
IVN-DOG LD 50: 562 MG/KG
ORL-RBT LD 50: 1700 MG'KG
IVN-RBT LD 50: 415 MG/KG
NEJMAG 232, 617, 45
SRTCAC 36 (1-4), 10, 89
KSRNAM 13, 791, 79
ARZNAD 5, 572, 55
STRAAA 127, 245, 65
ARZNAD 8, 25, 58
KSRNAM 13, 791, 79
APSVAM 59, 517, 70
AIPTAK 149, 571, 64
JPETAB 89, 205, 47
KSRNAM 13, 791, 79

REVIEWS, STANDARDS, AND
REGULATIONS

OEL=MAK
NOHS 1974: HZD 84407; NIS 6; TNF 1892; NOS 16; TNE 16641
NOES 1983: HZD 84407; NIS 9; TNF 2056; NOS 18; TNE 29395; TFE 19141
EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

TARGET ORGAN DATA

BEHAVIORAL (TOXIC PSYCHOSIS)
BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)
BEHAVIORAL (EXCITEMENT)
BEHAVIORAL (MUSCLE CONTRACTION OR SPASTICITY)
BEHAVIORAL (ANALGESIA)
CARDIAC (ARRYTHMIAS)
LUNGS, THORAX OR RESPIRATION (DYSPPNAE)
LUNGS, THORAX OR RESPIRATION (RESPIRATORY STIMULATION)
LUNGS, THORAX OR RESPIRATION (OTHER CHANGES)
SKIN AND APPENDAGES (SWEATING)
MATERNAL EFFECTS (PARTURITION)
EFFECTS ON FERTILITY (POST-IMPLANTATION MORTALITY)
EFFECTS ON EMBRYO OR FETUS (FETOTOXICITY)
EFFECTS ON EMBRYO OR FETUS (FETAL DEATH)
EFFECTS ON EMBRYO OR FETUS (OTHER EFFECTS TO EMBRYO OR FETUS)
SPECIFIC DEVELOPMENTAL ABNORMALITIES (CENTRAL NERVOUS SYSTEM)
SPECIFIC DEVELOPMENTAL ABNORMALITIES (EYE, EAR)
SPECIFIC DEVELOPMENTAL ABNORMALITIES (CRANIOFACIAL)
SPECIFIC DEVELOPMENTAL ABNORMALITIES (BODY WALL)

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TARGET ORGAN DATA (CONT.) SPECIFIC DEVELOPMENTAL ABNORMALITIES (MUSCULOSKELETAL SYSTEM)
SPECIFIC DEVELOPMENTAL ABNORMALITIES (CARDIOVASCULAR SYSTEM)
SPECIFIC DEVELOPMENTAL ABNORMALITIES (OTHER DEVELOPMENTAL ABNORMALITIES)
EFFECTS ON NEWBORN (STILLBIRTH)
EFFECTS ON NEWBORN (WEANING OR LACTATION INDEX)
EFFECTS ON NEWBORN (BEHAVIORAL)
ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

HEALTH HAZARD DATA

PRECAUTIONARY STATEMENTS

HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN;
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE; WEAR SUITABLE PROTECTIVE CLOTHING.

FIRST AID

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 PROVIDING PERSON IS CONSCIOUS. CALL A PHYSICIAN.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA
SPECIAL FIREFIGHTING PROCEDURES

WATER SPRAY OR CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

UNUSUAL FIRE AND EXPLOSIONS HAZARD

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

EMITS TOXIC FUMES UNDER FIRE CONDITIONS

REACTIVITY DATA

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS
STRONG ACIDS
MAY DISCOLOR ON EXPOSURE TO LIGHT.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF: CARBON MONOXIDE, CARBON DIOXIDE

EXPOSURE CONTROLS/ PERSONAL PROTECTION

NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL SAFETY GOGGLES, COMPATIBLE CHEMICAL-RESISTANT GLOVES.
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, IRRITANT, KEEP TIGHTLY CLOSED, LIGHT SENSITIVE.
STORE IN A COOL DRY PLACE.

ACCIDENT 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.

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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.

EUROPEAN REGULATORY INFORMATION
HARMFUL R 20/21/22; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED. R36/37/38; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN S 26; IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE. S 36; WEAR SUITABLE PROTECTIVE CLOTHING.

DISCLAIMER

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