



chemists helping chemists in research & industry

aldrich chemical co.

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92 JAN 15 P1:41

SCHOOLCRAFT COLLEGE
PURCHASING DEPARTMENT

DATE: 01/07/92
CUST#: 938609
PO#: 70341

M A T E R I A L S A F E T Y D A T A S H E E T P A G E 1

IDENTIFICATION

PRODUCT #: 17107-7
CAS #: 55-27-6
MF: C8H11NO3

NAME: (+/-)-NOREPINEPHRINE HYDROCHLORIDE, 99%
99%

SYNONYMS

DL-ARTERENOL HYDROCHLORIDE * 1,2-BENZENEDIOL, 4-(2-AMINO-1-HYDROXYETHYL)-, HYDROCHLORIDE, (+/-)-(9CI) * (+/-)-NORADRENALINE HYDROCHLORIDE * DL-NORADRENALINE HYDROCHLORIDE * (+/-)-NOREPINEPHRINE HYDROCHLORIDE * DL-NOREPINEPHRINE HYDROCHLORIDE * DL-NOREPINEPHRINE HYDROCHLORIDE *

TOXICITY HAZARDS

RTECS NO: DN6650000

BENZYL ALCOHOL, ALPHA-(AMINOMETHYL)-3,4-DIHYDROXY-, HYDROCHLORIDE-, (+/-)-

TOXICITY DATA

IPR-MUS LD50: 15600 UG/KG

JPETAB 92,369,48

TARGET ORGAN DATA

BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)
VASCULAR (REGIONAL OR GENERAL ARTERIOLAR CONSTRICTION)
LUNGS, THORAX OR RESPIRATION (ACUTE PULMONARY EDEMA)
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

ACUTE EFFECTS

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

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

PHYSICAL DATA

MELTING PT: 146 C TO 148 C

CONTINUED ON NEXT PAGE

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M A T E R I A L S A F E T Y D A T A S H E E T **P A G E 2**

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----- **PHYSICAL DATA** -----

APPEARANCE AND ODOR
WHITE TO TAN POWDER

----- **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.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

----- **REACTIVITY DATA** -----

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

----- **SPILL OR LEAK PROCEDURES** -----

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
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.
WASTE DISPOSAL METHOD
DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A
CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.

--- **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE** ---

CHEMICAL SAFETY GOGGLES.
RUBBER GLOVES.
NIOSH/MSHA-APPROVED RESPIRATOR.

CONTINUED ON NEXT PAGE

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M A T E R I A L S A F E T Y D A T A S H E E T P A G E 3

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--- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ---

SAFETY SHOWER AND EYE BATH.
USE ONLY IN A CHEMICAL FUME HOOD.
DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
WASH THOROUGHLY AFTER HANDLING.
TOXIC.
KEEP TIGHTLY CLOSED.
REFRIGERATE.

LABEL PRECAUTIONARY STATEMENTS

TOXIC
TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.
IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE).
WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.

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