

Product Number: 185507

Product Name: 2-Naphthol, 99%

~~Product Information~~

Valid 08/2000 - 10/2000

Description / Pricing

Cert. of Analysis

MSDS

~~Chemical~~

Print Preview

Bulk Quote

Ask A Scientist

Aldrich Chemical Co., Inc.
1001 West St. Paul
Milwaukee, WI 53233 USA
Tel: 414-273-3850

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

SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: 185507
NAME: 2-NAPHTHOL, 99%

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

CAS #: 135-19-3
MF: C10H8O
EC NO: 205-182-7

SYNONYMS

AZOGEN DEVELOPER A * C.I. 37500 * C.I. AZOIC COUPLING COMPONENT 1 * C.
I. DEVELOPER 5 * DEVELOPER A * DEVELOPER AMS * DEVELOPER BN *
DEVELOPER SODIUM * BETA-HYDROXYNAPHTHALENE * 2-HYDROXYNAPHTHALENE *
ISONAPHTHOL * BETA-MONOXYNAPHTHALENE * BETA-NAFTOL (DUTCH) * 2-NAFTOL
(DUTCH) * BETA-NAFTOLO (ITALIAN) * 2-NAFTOLO (ITALIAN) * 2-
NAPHTHALENOL * NAPHTHOL B * BETA-NAPHTHOL * 2-NAPHTOL (FRENCH) * BETA-
NAPHTHYL ALCOHOL * BETA-NAPHTHYL HYDROXIDE * BETA-NAPHTOL (GERMAN) *

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

LABEL 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 GLOVES AND EYE/FACE PROTECTION.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS
AMOUNTS OF WATER.
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF
WATER FOR AT LEAST 15 MINUTES.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA

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 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

CHEMICAL SAFETY GOGGLES.
SAFETY SHOWER AND EYE BATH.
AVOID BREATHING DUST.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
WASH THOROUGHLY AFTER HANDLING.
WASH CONTAMINATED CLOTHING BEFORE REUSE.
IRRITANT.
KEEP CONTAINER CLOSED.
STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

TAN CHIPS

PHYSICAL PROPERTIES

BOILING POINT: 285 C TO 286 C
MELTING POINT: 122 C TO 123 C
VAPOR PRESSURE: 10MM 145.5 C
VAPOR DENSITY: 4.97

SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - -

CONDITIONS TO AVOID

MAY DISCOLOR ON EXPOSURE TO LIGHT.

INCOMPATIBILITIES
 STRONG OXIDIZING AGENTS
 STRONG BASES
 HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
 CARBON MONOXIDE, CARBON DIOXIDE

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -
 ACUTE EFFECTS
 SEVERE IRRITATION OR BURNS.
 MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.
 MAY BE HARMFUL IF INHALED.
 MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER
 RESPIRATORY TRACT.
 HARMFUL IF SWALLOWED.
 CAUSES EYE AND SKIN IRRITATION.
 DEPENDING ON THE INTENSITY AND DURATION OF EXPOSURE, EFFECTS MAY
 VARY FROM MILD IRRITATION TO SEVERE DESTRUCTION OF TISSUE.
 DAMAGE TO THE EYES
 TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
 TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

CHRONIC EFFECTS
 TARGET ORGAN(S):
 DAMAGE TO THE EYES
 RTECS #: QL2975000
 2-NAPHTHOL

IRRITATION DATA
 SKN-RBT 500 MG/24H MLD BIOFX* 26-4/1973
 EYE-RBT 100 MG MOD BIOFX* 26-4/1973

TOXICITY DATA
 ORL-RAT LD50:1960 MG/KG GTPPAF 8,145,1972
 IHL-RAT LC50:>770 MG/M3/1H BIOFX* 26-4/1973
 IPR-MUS LD50:97500 MG/KG EJMCA5 13,381,1978
 SKN-RBT LD50:>10 GM/KG BIOFX* 26-4/1973
 ORL-GPG LD50:1335 MG/KG GISAAA 30(9),22,1965
 ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES
 (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR
 COMPLETE INFORMATION.

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

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -
 DATA NOT AVAILABLE

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

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -
 EUROPEAN INFORMATION
 EC INDEX NO: 604-007-00-5
 HARMFUL
 R 20/22
 HARMFUL BY INHALATION AND IF SWALLOWED.
 R 50
 VERY TOXIC TO AQUATIC ORGANISMS.
 S 24/25
 AVOID CONTACT WITH SKIN AND EYES.
 S 61
 AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS/
 SAFETY DATA SHEETS.

REVIEWS, STANDARDS, AND REGULATIONS
 OEL=MAK
 EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION
 FEREAC 54,7740,1989
 OEL-RUSSIA:STEL 0.1 MG/M3 JAN 1993
 NOHS 1974: HZD 84296; NIS 18; TNF 971; NOS 18; TNE 6346
 NOES 1983: HZD X1957; NIS 1; TNF 113; NOS 1; TNE 453
 NOES 1983: HZD 84296; NIS 11; TNF 199; NOS 26; TNE 10985; TFE 590
 EPA TSCA SECTION 8(B) CHEMICAL INVENTORY
 EPA TSCA SECTION 8(D) UNPUBLISHED HEALTH/SAFETY STUDIES
 EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, DECEMBER 1999

SECTION 16. - - - - - OTHER INFORMATION - - - - -
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