

MSDS for 2-Naphthalenethiol, 99%



Material Safety Data Sheet
2-Naphthalenethiol, 99%

Section 1 - Chemical Product and Company Identification

MSDS Name: 2-Naphthalenethiol, 99%
Catalog Numbers: 33452-0000, 33452-0050, 33452-0250
Synonyms: Thio-2-naphthol; 2-Naphthyl mercaptan
Company Identification: Acros Organics BVBA
Janssen Pharmaceuticaaan 3a
2440 Geel, Belgium
Company Identification: (USA) Acros Organics
One Reagent Lane
Fair Lawn, NJ 07410
For information in the US, call: 800-ACROS-01
For information in Europe, call: +32 14 57 52 11
Emergency Number, Europe: +32 14 57 52 99
Emergency Number US: 201-796-7100
CHEMTREC Phone Number, US: 800-424-9300
CHEMTREC Phone Number, Europe: 703-527-3887

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
91-60-1	2-NAPHTHALENETHIOL	99%	202-082-5

Hazard Symbols: XN



Risk Phrases: 20/21/22

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Harmful by inhalation, in contact with skin and if swallowed.

Potential Health Effects

Eye: May cause eye irritation.
Skin: Harmful if absorbed through the skin.
Ingestion: Harmful if swallowed. The toxicological properties of this substance have not been fully investigated.
Inhalation: Harmful if inhaled. The toxicological properties of this substance have not been fully investigated.
Chronic:

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.
Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 7 - Handling and Storage

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.
Storage: Store in a cool, dry place. Store in a tightly closed container.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.
Exposure Limits
CAS# 91-60-1:

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin: Wear appropriate protective gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to prevent skin exposure.
Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Lumps
Color: almost white to faintly yellow
Odor: malodorous
pH: Not available
Vapor Pressure: Not available
Viscosity: Not available
Boiling Point: 286 deg C (546.80癈)
Freezing/Melting Point: 79 - 83 deg C
Autoignition Temperature: Not available
Flash Point: Not available
Explosion Limits: Lower: Not available
Explosion Limits: Upper: Not available
Decomposition Temperature: Not available
Solubility in water: Not available

Specific Gravity/Density:**Molecular Formula:** C10H8S**Molecular Weight:** 160.116**Section 10 - Stability and Reactivity****Chemical Stability:** Stable at room temperature in closed containers under normal storage and handling conditions.**Conditions to Avoid:** Incompatible materials.**Incompatibilities with Other Materials** Strong oxidizing agents, strong bases.**Hazardous Decomposition Products** Sulfur dioxide, carbon monoxide, carbon dioxide.**Hazardous Polymerization** Has not been reported.**Section 11 - Toxicological Information****RTECS#:** CAS# 91-60-1: QK3930000**LD50/LC50:** RTECS:**CAS# 91-60-1:** Oral, mouse: LD50 = 385 mg/kg;

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Carcinogenicity: 2-NAPHTHALENETHIOL - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.**Other:** The toxicological properties have not been fully investigated.**Section 12 - Ecological Information**

Not available

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	Not available	Not available	Not available
Hazard Class:			
UN Number:			
Packing Group:			

Section 15 - Regulatory Information**European/International Regulations**

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

Safety Phrases:

S 36/37 Wear suitable protective clothing and gloves.

WGK (Water Danger/Protection)

CAS# 91-60-1: Not available

Canada

CAS# 91-60-1 is listed on Canada's DSL List

US Federal

TSCA

CAS# 91-60-1 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date: 11/16/1998

Revision #0 Date Original.

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