

11/8/06

Material Safety Data Sheet

Revision: 10/03/2001



Hazard information is provided for compliance with both the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations and the US Hazard Communication Standard (HCS)

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME:
Naphthalene Acetic Acid

PRODUCT CODE:
19326

EEC NUMBER:
None

SUPPLIER:

USB Corporation, 26111 Miles Road, Cleveland, Ohio 44128 Phone: (216) 765-5000

Emergency Contact:

Chemtrec (800) 424-9300
Outside USA & Canada 703 527 3887

COMPOSITION/HAZARDOUS COMPONENTS

HAZARD

CAS NO.

%WT

TLV

CHIP R & S Phrases

Naphthalene Acetic Acid

86-87-3

~99%

R:20/21/22 Harmful by inhalation, in contact with skin and if swallowed
R:37/38 Irritating to respiratory system and skin
S:22 Do not breathe dust
S:24/25 Avoid contact with skin and eyes
S:26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S:36 Wear suitable protective clothing

HAZARDS IDENTIFICATION

CHIP
Harmful
HCS
Irritant

FIRST-AID MEASURES

EYES: Flush with water for 15 minutes. Seek medical advice if irritation persists.
SKIN: Flush with water, then wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation persists.
INHALATION: Remove the victim from exposure and move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Seek immediate medical attention.
INGESTION: Drink water and seek immediate medical attention. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.

FIRE-FIGHTING INFORMATION

Use media suitable to extinguish the supporting or surrounding fire. Wear NIOSH (or equivalent) approved self contained breathing apparatus. For small fires only: use carbon dioxide, dry powder or foam. Emits toxic fumes under fire conditions.
Flash Point = Not available

ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment and clothing including lab coat, safety goggles, gloves and NIOSH-approved respirator. Collect in a manner that does not create dust and place in a suitable waste container. Avoid contact of material with skin or eyes. Use adequate ventilation.

HANDLING AND STORAGE

Wear appropriate personal protective equipment and clothing including lab coat, safety goggles, gloves and NIOSH-approved respirator. Use adequate ventilation. Avoid contact of material with skin or eyes. Store ambient away from incompatible material.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.

For Further Information, contact your local USB authorized distributor, Amersham Pharmacia Biotech	Asia Pacific + 852 2811 8693	Canada 1 800 463 5800	Former Soviet Union +7 (095) 232 0250	Japan 81 3 5331 9337	Norway 63 89 23 10	Spain 935 944 950	USA USB Corporation (216) 765-5000 If purchased from Amersham Pharmacia Biotech use 1 800 526 3593
	Australia + 61 2 9894 5188	Central and East Europe +43 1 982 3826	France 0169 18 28 00	Latin America +55 11 3667 5700	Portugal 01 417 70 35	Sweden 018 164000	
	Austria 01 576 0616 10	Denmark +45 4516 2400	Germany 07 61 49 03 0	Middle East and Africa +30 (1) 96 00 687	South East Asia 60 3 724 2080	Switzerland 01 802 81 50	
	Belgium 0800 73888	Finland 358 (9) 512 3940	Italy 02 27322 1	Netherlands 0165 580 410	South East Europe +43 (1) 982 3826	UK 0800 515313	

PERSONAL PROTECTION

Wear appropriate personal protective equipment and clothing including lab coat, safety goggles, gloves and NIOSH-approved respirator. A qualified industrial hygienist should evaluate the need for respiratory protection. Use respiratory protection approved by NIOSH (or equivalent) and appropriate to the hazard. Avoid contact of material with skin or eyes. Mechanical ventilation or local exhaust as needed to control exposure to dust, vapors or mists. Access to a safety shower and eye-wash. HMIS Ratings: H=1 F=0 R=0.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-white powder
Vapor Pressure: No data available
Solubility (Water): Slightly soluble
Percent Volatile: No data available
Chemical formula: C12-H10-O2

Boiling Point: >218°C
Vapor Density: No data available
Specific Gravity: No data available
Evaporation Rate: No data available
Melting Point: 130°C

STABILITY AND REACTIVITY

Product is stable. Hazardous decomposition products include oxides of carbon. Incompatible with strong oxidizing agents, strong acids and strong bases. Hazardous polymerization will not occur.

TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE:

EYES: May cause severe eye irritation. Direct contact may cause pain, tears, burning, sensitivity to light, swelling and possible corneal damage. May result in corneal injury.

SKIN: Contact may cause irritation and possible burns, especially if the skin is wet or moist.

INHALATION: May cause irritation to mucous membranes and upper respiratory tract. Symptoms may include sore throat, coughing, shortness of breath and delayed lung edema.

INGESTION: May cause severe irritation of the mouth, throat, esophagus and stomach with severe abdominal and chest pain. May cause central nervous system depression, characterized by excitement, followed by unconsciousness, coma and possible death due to respiratory failure.

ADDITIONAL INFORMATION:

May be harmful if swallowed, inhaled or absorbed through the skin.

Target Organ(s): Central Nervous System.

Irritation, mutation and toxicity data listed in RTECS under QJ0875000.

Eye Rabbit 100 mg = Severe (1980). Oral Rat LD50 = 1 gm/kg (1976). Details of toxic effects not reported other than lethal dose value.

Definition(s): RTECS = Registry of Toxic Effects of Chemical Substances.

NOTE TO PHYSICIAN: The active ingredient, Naphthalene Acetic Acid, has produced liver damage in dogs when fed for 6 months at dosages of 150 mg/kg/day and higher. No liver damage occurred in rats when fed for 90 days at 500 mg/kg/day. There are reports in literature which indicate the possibility of kidney damage occurring in animals as the result of repeated exposure.

ECOLOGICAL INFORMATION

No information available.

DISPOSAL CONSIDERATIONS

Dispose of material in accordance with applicable local, state, and federal regulations.

TRANSPORTATION INFORMATION

US DOT / IATA: Corrosive solid, n.o.s. (Naphthalene Acetic Acid); Class 8, UN1759, PGII. Label: Corrosive.

REGULATORY INFORMATION

RCRA - This material is not regulated under RCRA.

SARA 302 -This material does not have an RQ or TPQ.

SARA 313 -This material is not reportable under 313.

EPA TSCA Section 8(b) - Chemical Inventory.

Exposure Limits - Not established.

California Proposition 65 - No applicable information.