



Material Safety Data Sheet (MSDS)

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| Revision Number: 1.0 | | Last updated July 2009 | |
| <u>Product and Company Identification</u> | | | |
| Product Name: | | Boc - 3 - amino - 2 - naphthoic acid | |
| Manufacturer/Supplier: | | AnaSpec, Inc. 34801 Campus Drive, Fremont, CA 94555 Tel: 510-791-9560 Fax: 510-791-9573 http://www.anaspec.com | |
| <u>Composition / Information on Ingredients</u> | | | |
| Boc - 3 - amino - 2 - naphthoic acid Molecular Formula: C ₁₆ H ₁₇ NO ₄ Molecular Weight: 287.3 CAS Number: NA | | | |
| <u>Hazards Identification</u> | | | |
| Classification: Xn, R22 - R36/37/38 RTECS: QL1400000 | | | |
| <u>Potential Health Effects</u> | | | |
| Inhalation: | | If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. | |
| Ingestion: | | If swallowed, wash out mouth with water provided person is conscious. Call a physician. | |
| Skin: | | In case of contact, immediately wash skin with soap and plenty of water. | |
| Eyes: | | In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. | |
| Chronic Exposures: | | Not determined | |
| Target Organs: | | Not determined | |

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| <u>Fire Fighting Measures</u> | |
| <i>Extinguishing media:</i> | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| <i>Special firefighting procedures:</i> | Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. |
| <i>Unusual fire and explosions hazards:</i> | Emits toxic fumes under fire conditions. |
| <u>Accidental Release Measures</u> | |
| Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Do not let product enter drains. | |
| <u>Handling and Storage</u> | |
| Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Store at 2-8 °C. Keep container tightly closed in a dry and well-ventilated place. | |
| <u>Exposure Controls / Personal Protection</u> | |
| Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices. | |
| <u>ACGIH/OSHA Permissible Exposure Limit Data:</u> | |
| Not determined | |
| <u>Physical and Chemical Properties</u> | |
| <i>Form:</i> | Solid |
| <i>Color:</i> | Yellow to Olive green |
| <i>Solubility in Water:</i> | Not soluble |
| <i>Boiling Point:</i> | Not determined |
| <i>Melting Point:</i> | Not determined |
| <i>Flash Point:</i> | Not determined |
| <u>Stability and Reactivity</u> | |
| <i>Stability:</i> | Stable under recommended storage conditions |
| <i>Dangerous Products of Decomposition:</i> | Carbon oxides, nitrogen oxides |
| <i>Materials to avoid:</i> | Strong oxidizing agents |
| <u>Toxicological Information</u> | |
| <i>Toxicity:</i> | <u>Acute toxicity</u> LD50 Oral - mouse - 1.600 mg/kg |

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| | <u>Chronic exposure</u> No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
| <i>Health Hazards:</i> | Skin Contact: Causes skin irritation. May be harmful if absorbed through skin. Eye Contact: Causes eye irritation. Inhalation: Causes respiratory tract irritation. Ingestion: harmful if swallowed. |
| <i>Carcinogenicity:</i> | Not listed by NTP, IARC or OSHA. |
| <u>Ecological Information</u> | |
| Do not allow product to reach ground water, watercourse, or sewage system. | |
| <u>Disposal Considerations</u> | |
| Consult local, state or national regulations for proper disposal. | |
| <u>Transport Information</u> | |
| This substance is considered to be non-hazardous for transport | |
| <u>Regulations</u> | |
| <i>US Toxic Substances Control Act (TSCA) Status:</i> | Not listed |
| <i>OSHA Hazard:</i> | No known OSHA hazards |
| <i>Symbol of Danger:</i> | Xn |
| <i>EEC Risk Statements:</i> | Harmful if swallowed. Irritating to eyes, respiratory system and skin. |
| <u>Other Information</u> | |
| <i>It is not intended for food, drug, household, agricultural or cosmetic use. A technically qualified individual experienced in handling potentially hazardous chemicals must supervise its use. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Users should make independent decisions regarding completeness of the information based on all sources available. Anaspec shall not be held liable for any damage resulting from handling or from contact with the above product.</i> | |

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