



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

MATERIAL SAFETY DATA SHEET

BENZOIC ACID

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc. 135 Newbury Street Framingham, MA 01701	Emergency Number: Chemtrec Information Number:	800-424-9300 703-527-3887 800-238-0001
---	---	--

Date: August 2007

Synonyms: Benzene Carboxylic Acid

CAS #: 65-85-0

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Benzoic Acid 99.5% min.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White fine granules with characteristic odor. May cause irritation of respiratory tract, skin and eyes. Keep away from strong oxidizers.

POTENTIAL HEALTH EFFECTS:

Eyes: Contact may cause irritation.

Skin: Contact may cause skin irritation.

Inhalation: Dust may irritate the nose and throat.

Ingestion: May be harmful if swallowed.

CARCINOGENICITY: Not listed under OSHA, IARC, or NTP.

SECTION 4 - FIRST AID MEASURES

Eye Contact: In case of eye contact, immediately flush with plenty of water for at least 15 minutes.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with mild soap and water.

Inhalation: If overcome by exposure, remove to the fresh air immediately. Give oxygen or artificial respiration as needed.

Ingestion: If swallowed, induce vomiting.

In All Of The Above: Seek medical attention, if symptoms persist.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 121 °C

Flammable Limits: Not Determined

Extinguishing Media: Use dry chemical, foam or CO₂ to extinguish fire. Water spray may be used to cool fire.

Special Fire Fighting Procedures: Wear self contained positive pressure breathing apparatus and full protective clothing. Use fire fighting procedure that is appropriate to treat surrounding fire.

Unusual Fire Explosion Hazard: Concentrated dust is an explosion hazard.

Auto Ignition Temperature: 573 °C

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 7 - HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials. Product is slightly hygroscopic and should be stored in a dry area to prevent moisture pick up and caking.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area.

SKIN AND EYE PROTECTION:

Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust, safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE LIMITS: None Established

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 249 °C

Vapor Pressure (MM Hg): Negligible

Vapor Density (AIR=1): 4.21

Specific Gravity (H2O=1): 1.31

Bulk Density: Not Available

Percent Volatile by Volume (%): Not Applicable

Melting Point: 122 °C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Slight

pH: Not Applicable

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Under heat, will generate carbon monoxide and may generate other toxic substances.

KEEP AWAY FROM: Concentrated dust, vapors from molten material, strong oxidizing agents.

SECTION 11 - TOXICOLOGICAL INFORMATION

Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Not Available

SECTION 13 - DISPOSAL CONSIDERATIONS

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

RCRA WASTE #: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Benzoic Acid - Not Regulated

SECTION 15 - REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT):
This product is listed on the TSCA Inventory.

CERCLA REPORTABLE REQUIREMENTS: (RQ) 5,000 lbs

SARA TITLE III INFORMATION:

Section 302 Extremely hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Unlisted

Section 311/312 Hazard Category: Immediate (acute) Health Hazard.

SECTION 16 - OTHER INFORMATION

Reason for Issue: Changed Date

This information is given without any warranty or representation. It is believed to be correct but does not claim to be all inclusive and shall be used only as a guide. American International Chemical, Inc., shall not be held liable for any damage resulting from handling or contact with the above product. It is offered solely for your consideration, investigation and verification.
