

Section 1. Product and Company Identification

Product Name Ammonium Benzoate
CAS Number 1863-63-4

Parchem - fine & specialty chemicals
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New Rochelle, NY 10801
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EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

GHS Classification

Acute Toxicity, Oral (Category 4)
Skin Irritation (Category 2)
Eye Irritation (Category 2A)
Specific Target Organ Toxicity - Single Exposure (Category 3)

GHS Label Elements

Pictograms:



Signal word: WARNING

Hazard and precautionary statements

Hazard Statements

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary Statements

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



OSHA Hazards: Harmful by ingestion, Irritant

HMIS Rating

Health Hazard: 2

Flammability: 0

Physical Hazards: 0

NFPA Rating

Health Hazard: 2

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Skin: Harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Ingestion: Harmful if swallowed.

Section 3. Composition / Information on Ingredients

Common Name Ammonium Benzoate
Synonym(s) Benzoic acid ammonium salt
Formula C₇H₉NO₂
CAS Number 1863-63-4

COMPONENT	CAS NUMBER	CONCENTRATION
Ammonium Benzoate	1863-63-4	80.0 - 100.0%

Section 4. First Aid Measures

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If Inhaled: If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

In case of Skin Contact: Wash off with soap and plenty of water. Consult a physician.

In case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If Swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5. Firefighting Measures

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.



Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

Hazardous Combustion Products: Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO_x)

Section 6. Accidental Release Measures

Personal Precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental Precautions: Do not let product enter drains.

Methods for Cleaning Up: Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

Section 7. Handling and Storage

Precautions for Safe Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for Safe Storage: Keep container tightly closed in a dry and well-ventilated place. Hygroscopic

Section 8. Exposure Controls / Personal Protection

Exposure Limits

ACGIH: None Listed

NIOSH: None Listed

OSHA - Final PELs: None Listed

OSHA Vacated PELs: Ammonium benzoate: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Respiratory Protection: For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye Protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and Body Protection: Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.



Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.

Section 9. Physical and Chemical Properties

Physical State: Solid

Appearance: Colorless

Odor: Slight ammonia odor

Odor: Threshold: No data available

pH: 6.0 - 7.5 at 139.1 g/L, 25°C (77°F)

Vapor Pressure: Not available.

Vapor Density: Not available.

Ignition Temperature: No data available.

Auto ignition Temperature: No data available.

Lower explosion limit: No data available.

Upper explosion limit: No data available.

Flash Point: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: Not available.

Melting Point/Range: 192 - 198°C (378 - 388°F)

Decomposition Temperature: Not available.

Solubility: Approx. 139.2 g/L at 20°C (68°F)

Molecular Formula: C₇H₉NO₂

Molecular Weight: 139.15 g/mol

Section 10. Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: No data available

Conditions to Avoid: Avoid moisture.

Materials to Avoid: Strong oxidizing agents, Strong acids

Hazardous Decomposition Products formed under Fire Conditions: Carbon oxides, nitrogen oxides (NO_x)

Other Decomposition Products: No data available

Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

Acute Toxicity

Oral LD50: LD50 Oral - rat - 825 mg/kg

Remarks: Peripheral Nerve and Sensation: Spastic paralysis with or without sensory change.

Behavioral: Altered sleep time (including change in righting reflex). Somnolence (general depressed



activity).

Inhalation LC50: No data available

Dermal LD50: No data available

Other Information on Acute Toxicity: No data available

Skin Corrosion/Irritation: No data available

Serious Eye Damage/Eye Irritation: No data available

Respiratory or Skin Sensitization: No data available

Germ Cell Mutagenicity: No data available

Carcinogenicity

IARC: 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.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Toxicity: No data available

Teratogenicity: No data available

Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System):

Inhalation - May cause respiratory irritation.

Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System):

No data available

Aspiration Hazard: No data available

Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion: Harmful if swallowed.

Skin: Harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic Effects: No data available

Additional Information

RTECS: DG3378000

Section 12. Ecological Information

Toxicity: No data available



Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

PBT and vPvB Assessment: No data available

Other Adverse Effects: No data available

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

DOT (US): Not dangerous goods (see Section 15, Title 49: Transportation for bulk marine shipments)

IMDG: Not dangerous goods

IATA: Not dangerous goods

Section 15. Regulatory Information

OSHA Hazards: Harmful by ingestion, Irritant.

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: Acute Health Hazard

Massachusetts Right to Know Components: Ammonium benzoate; CAS-No.:1863-63-4;

Revision Date: 1993-04-24

Pennsylvania Right to Know Components: Ammonium benzoate ; CAS-No.: 1863-63-4;

Revision Date: 1993-04-24

New Jersey Right to Know Components: Ammonium benzoate; CAS-No.: 1863-63-4;

Revision Date: 1993-04-24

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Title 49: Transportation Ammonium Benzoate is listed in 172.101 Appendix A (RQ 5000 pounds)

PART 171-GENERAL INFORMATION, REGULATIONS, AND DEFINITIONS

Subpart A-Applicability, General Requirements, and North American Shipments



§ 171.4 Marine pollutants.

(a) Except as provided in paragraph (c) of this section, no person may offer for transportation or transport a marine pollutant, as defined in §171.8, in intrastate or interstate commerce except in accordance with the requirements of this subchapter.

(b) The requirements of this subchapter for the transportation of marine pollutants are based on the provisions of Annex III of the 1973 International Convention for Prevention of Pollution from Ships, as modified by the Protocol of 1978 (MARPOL 73/78).

(c) Exceptions. Except when all or part of the transportation is by vessel, the requirements of this subchapter specific to marine pollutants do not apply to non-bulk packaging transported by motor vehicle, rail car or aircraft. [Amdt. 171-116, 57 FR 52934, Nov. 5, 1993, as amended by Amdt. 107-39, 61 FR 51337, Oct. 1, 1996; 73 FR 4712, Jan. 28, 2008]

Hazardous Substance: for the purposes of this subchapter, means a material, including its mixtures and solutions, that-

(1) Is listed in the appendix A to §172.101 of this subchapter;

(2) Is in a quantity, in one package, which equals or exceeds the reportable quantity (RQ) listed in the appendix A to §172.101 of this subchapter

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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