



Gusmer Enterprises, Inc.®

Issue Date: 07/15/16  
Version: 1.0

## SAFETY DATA SHEET

Product Identifier: Diammonium Phosphate

## Section 1 - PRODUCT and COMPANY IDENTIFICATION

## 1.1 Product Identifier

Product Name: Diammonium Phosphate  
 Product Code(s): DAP-1KG & DAP-5KG  
 Chemical Name: Diammonium Phosphate  
 Synonyms: NA

## 1.2 Relevant identified uses of the substance or mixture and uses advised against

Intended Product Use: Food additive

## 1.3 Details of the supplier of the safety data sheet

Manufacturer/Distributor: Gusmer Enterprises, Inc.

Postal Address: 81 M Street, Fresno, CA 93721 USA

Telephone Number: (01)(559) 485-2692 [USA] (product info)

Hours of Operation: Monday - Friday 8:00am-5:00pm PST

## 1.4 Emergency telephone number

Medical Emergency: 911

## Section 2 - HAZARDS IDENTIFICATION

## 2.1 Classification of the substance or mixture:

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Not a hazardous substance or mixture.

## 2.2 Label Elements

Hazard Pictogram(s): None

Signal Word: None

Hazard Statements: None

Precautionary Statements: None

## 2.3 Emergency Overview

Appearance: White crystalline powder. Ammonia-like odor

Other Hazards: None

## Section 3 - COMPOSITION / INFORMATION on INGREDIENTS

Ingredient(s)	Common Name & Synonyms	Percentage	CAS No.
Diammonium Phosphate	NA	100.00%	7783-28-0

## Section 4 - FIRST AID MEASURES

## 4.1 Description of the first aid measures

Eye Contact: Flush eyes with water as a precaution.  
 Skin Contact: Wash off with soap and plenty of water.  
 Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.  
 Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

## 4.2 Most important symptoms and effects, both acute and delayed

Eye Contact: May cause irritation  
 Skin Contact: May cause irritation  
 Inhalation: May cause irritation  
 Ingestion: May cause irritation

Chronic Effects: No Data Available

## 4.3 Indication of any immediate medical attention and special treatment needed

Treatment: No special advice, treat symptomatically.

## Section 5 - FIREFIGHTING MEASURES

## 5.1 Extinguishing Media

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

## 5.2 Special hazards arising from the substance or mixture

Nitrogen oxides (Nox), Oxides of phosphorus

## 5.3 Advice for firefighters

As in any fire, wear NIOSH-approved self contained breathing apparatus and appropriate protective clothing.

## Section 6 - ACCIDENTAL RELEASE MEASURES

## 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.


## 6.2 Environmental precautions


No special environmental precautions required.

## 6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

See Section 8 for appropriate personal protective equipment.

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<b>Section 7 - HANDLING and STORAGE</b>			
<p><b>7.1 Precautions for safe handling</b> Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.</p> <p><b>7.2 Conditions for safe storage, including any incompatibilities</b> Keep containers tightly closed in a dry and well-ventilated place.</p> <p>See Section 8 for OSHA permissible exposure limit(s)</p>			
<b>Section 8 - EXPOSURE CONTROL / PERSONAL PROTECTION</b>			
<p><b>8.1 Control parameters</b> Contains no substances with occupational exposure limit values.</p> <p><b>8.2 Exposure controls</b></p> <p><b>Normal Handling Conditions</b> Engineering Controls: If necessary use ventilation system to keep concentration below permissible exposure limits. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p> <p>Respiratory Protection: Respiratory protection is not required. If dust levels are suspected to be over PEL, wear a N95 or greater respirator.</p> <p>Eye Protection: ANSI Z87+ approved dust goggles or safety glasses, if necessary, to avoid eye irritation.</p> <p>Skin 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.</p> <p>Body Protection: Wear appropriate protective clothing.</p> <p>General Hygiene: Maintain good housekeeping practices, wash hands after handling, avoid direct eye contact.</p>			
<b>Section 9 - PHYSICAL and CHEMICAL PROPERTIES</b>			
<p><b>9.1 Information on basic physical and chemical properties</b></p> <p>Physical State: Crystalline powder Color: White Odor: Ammonia-like Odor Threshold: No Data Available pH: 7-8 at 10 g/l at 68°F (20°C) Melting / Freezing Point (Specify): 311°F (155°) / No Data Available Initial Boiling Point &amp; Boiling Range: No Data Available Flash Point: No Data Available Evaporation Rate: No Data Available Flammability (solid, gas): upper: No Data Available lower: No Data Available Explosive Limits: LEL: No Data Available UEL: No Data Available Kst: No Data Available Vapor Pressure: No Data Available Vapor Density: No Data Available Relative Density: 1.620 g/cm<sup>3</sup> Specific Density: No Data Available Solubility(ies): Soluble Partition Coefficient (n-octanol/water): No Data Available Auto-ignition Temperature: No Data Available Decomposition: No Data Available Oxidizing Properties: No Data Available Viscosity: No Data Available</p>			
<b>Section 10 - STABILITY and REACTIVITY</b>			
<p><b>10.1 Reactivity</b> No Data Available</p> <p><b>10.2 Chemical stability</b> Stable under recommended storage conditions.</p> <p><b>10.3 Possibility of hazardous reactions</b> No Data Available</p> <p><b>10.4 Conditions to avoid</b> No Data Available</p> <p><b>10.5 Incompatible materials</b> Strong oxidizing agents, Strong acids, Strong bases, Magnesium.</p> <p><b>10.6 Hazardous decomposition products</b> No Data Available</p>			

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<b>Product Identifier:</b>		Diammonium Phosphate	
<b>Section 11 - TOXICOLOGY INFORMATION</b>			
<p><b>11.1 Information on toxicological effects</b></p> <p><b>Acute Toxicity:</b> LD50 Oral - Rat - 6,500 mg/kg LD50 Dermal - Rat - male and female - &gt;5,000 mg/kg</p> <p><b>Skin Corrosion/Irritation:</b> No Data Available</p> <p><b>Serious Eye Damage/Eye Irritation:</b> No Data Available</p> <p><b>Respiratory or Skin Sensitization:</b> No Data Available</p> <p><b>STOT - Single Exposure:</b> No Data Available <b>STOT - Repeated Exposure:</b> No Data Available</p> <p><b>Aspiration Hazard:</b> No Data Available</p> <p><b>11.2 Further Information</b></p> <p><b>Mutagenicity:</b> No Data Available <b>Productive Toxicity:</b> No Data Available</p> <p><b>Carcinogenicity:</b> Not classified as a carcinogen by OSHA, NTP, or IARC in their reviews. 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.</p>			
<b>Section 12 - ECOLOGICAL INFORMATION</b>			
<p><b>12.1 Toxicity</b> Toxicity to fish: LC50 - Pimephales promelas (fathead minnow) - 155 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates: EC50 - Daphnia (water flea) - 140 mg/l</p> <p><b>12.2 Persistence and degradability</b> No Data Available</p> <p><b>12.3 Bioaccumulative potential</b> No Data Available</p> <p><b>12.4 Mobility in soil</b> No Data Available</p> <p><b>12.5 Other adverse effects</b> No Data Available</p>			
<b>Section 13 - DISPOSAL CONSIDERATIONS</b>			
<b>Substance:</b> Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.			
<b>Section 14 - TRANSPORTATION INFORMATION</b>			
<p><b>UN Number:</b> Not regulated for transport of dangerous goods. <b>Class:</b> Not Applicable <b>Proper Shipping Name:</b> Not Applicable <b>Packing Group:</b> Not Applicable <b>Marine Pollutant:</b> Not Applicable <b>Other Applicable Information:</b> Not Applicable</p>			
<b>Section 15 - REGULATORY INFORMATION</b>			
<p><b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b></p> <p>SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313 - Diammonium Hydrogenorthophosphate - CAS-NO 7783-28-0 Rev. 01-01-87 SARA 311/312: No SARA Hazards California Prop. 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.</p>			
<b>Section 16 - OTHER INFORMATION</b>			
<p><b>Product Number(s):</b> DAP-1KG &amp; DAP-5KG</p> <p><b>Prepared By:</b> Gusmer Enterprises, Inc.      <b>Name of Preparer:</b> Eric Anderson <b>Title:</b> Corporate Safety and Regulatory Manger <b>Date:</b> 7/15/2016</p>			
<p><b>DISCLAIMER:</b> While the information in this document is based on data which, to the best of our knowledge, was accurate and reliable at the time of preparation, no responsibility can be accepted by us for errors or omissions. The provision of this information should not be construed as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, we can accept no responsibility for any loss or damage caused by any person acting or refraining from acting as a result of this information.</p>			
<b>GHS Hazard Warning Label</b>			
<p><b>No Hazard Warning Label Required:</b> Not considered a hazardous material when used in its normal state and use.</p>			