1.1

Product identifiers



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1	Product Identifiers Product Name: CAS Number: Catalog Numbers:	4-Nitrobenzoic a 62-23-7 A315136	cid		
1.2	Relevant identified us ldentified uses:			uses advised against Not for drug or household	use.
1.3	Details of the supplie Ambeed, Inc. 3205 N WILKE RD, S Tel: 630-580-1088	STE 3205-125, Ar	rlington Hts, IL 600		- 6
1.4	Emergency telephone Emergency phone (U Emergency phone (C	ISA): 1-352-323-3			AmBer
2.	HAZARDS IDENT	<b>IFICATION</b>	Beer		
2.1	Classification of the s GHS Classification ir			SHA HCS)	
	Acute toxicity, oral(Ca	/		H302	
	Skin corrosion/irritati	,		H315	
	Serious eye damage		egory 2A)	H319	
	Germ cell mutagenici			H341	
	Carcinogenicity(Cate			H351	
	Reproductive toxicity	(Category 2)		H361	
	No Resource File			~20	
2.2	GHS Label elements	, including precau	tionary statements	300	
	Pictogra		! .		
	Signal word:		Warning		
	Hazard statement(s)				
	H302		Harmful if swallov	ved	
	H315		Causes skin irrita	ition	
	H319		Causes serious e	eye irritation	
	H341		Suspected of cau	using genetic defects	
	H351		Suspected of cau	using cancer	
	H361		Suspected of dar	maging fertility or the unb	orn child
	Precautionary statem	ient(s)			
	P201		•	nstructions before use.	
	P202		Do not handle ur und <mark>erstoo</mark> d.	til all safety precautions l	have been read and
	P264		Wash hands thor	roughly after handling.	
	P270		Do not eat, drink	or smoke when using thi	is product.
	,ð				4

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P280		Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312+P330		IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
P302+P352		IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	PUPS	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313		IF exposed or concerned: Get medical advice/attention.
P332+P313		If skin irritation occurs: Get medical advice/attention.
P337+P313		If eye irritation persists: Get medical advice/attention.
P405		Store locked up.
P501		Dispose of contents/container to in accordance with local regulation

#### 2.3 Other hazards

Additional precautionary phrases are located throughout the safety data sheet.

## 3. COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Molecular Formula: Molecular Weight:

C7H5NO4 167.12

Component		Concentration
4-Nitrobenzoic acid		
CAS Number	62-23-7	-

#### 4. FIRST AID MEASURES

#### 4.1 Description of 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

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

#### If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

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The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

No data available

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## 5. FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable extinguishing media: alcohol-resistant foam, dry chemical or carbon dioxide Unsuitable extinguishing media: no data

5.2 Special hazards arising from the substance or mixture In combustion toxic fumes may form.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas.Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.Do not attempt to take action without suitable protective clothing.For personal protection see section 8.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or river. Alert the neighbourhood to the presence of fumes or gas.

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#### 6.3 Methods and materials for containment and cleaning up

Mix with sand or vermiculite. Sweep up and shovel. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 6.4 Reference to other sections

For disposal see section 13.

#### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Wash hands thoroughly after handling. Ensure there is sufficient ventilation of the area.

Normal measures for preventive fire protection. For precautions see section 2.2.

#### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated area. Containers which are opened must be carefully resealed and kept upright to prevent leakage.Sealed in dry,Room Temperature

#### 7.3 Specific end use(s)

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

### 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

#### 8.1 Control parameters

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

#### Appropriate engineering controls

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Page 3 of 7







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

#### Personal protective equipment

#### Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### 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.

#### **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.

#### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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#### Control of environmental exposure

Do not let product enter drains.

#### PHYSICAL AND CHEMICAL PROPERTIES 9.

0.			
	Appearance	White to yellow powder or crystals	
	Boiling Point	No data available	
	Melting Point	No data available	
	Odour	No data available	
	Odour Threshold	No data available	
	рН	No data available	
	Flash point	No data available	
	Evapouration rate	No data available	
	Vapour pressure	No data available	
	Vapor Density	No data available	
	Relative density	No data available	
	Solubility in water	No data available	
	Auto-ignition temperature	No data available	
	Decomposition temperature	No data available	
	Viscosity No Data	No data available	
	Explosive properties	No data available	
	Oxidizing properties	No data available	
10.	STABILITY AND REACTIVITY		
10.1	Reactivity	AlamBer	
	No data available	ADAM	

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## 10.2 Chemical stability

Stable under recommended storage conditions.

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- 10.3 Possibility of hazardous reactions No data available
- 10.4 Conditions to avoid Avoid moisture.

### 10.5 Incompatible materials Strong oxidizing agents, Strong bases

## 10.6 Hazardous decomposition products

Carbon monoxide, carbon dioxide, nitrogen oxides

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute Toxicity Skin corrosion/irritation Serious eye Damage/irritation Respiratory or skin sensitisation Germ Cell mutagenicity Carcinogenicity Reproductive toxicity STOT-single exposure STOT-repeated exposure Aspiration hazard

AmBeed No data available No data available

### 11.2 Additional

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH

## 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity 🏸 No data available
- 12.2 Persistence and degradability No data available AmBeed
- 12.3 Bioaccumulative potential No data available
- 12.4 Mobility in soil No data available

## 12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects No data available

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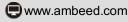
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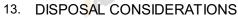


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Page 5 of 7



Α	Ambeed, Inc.				
S	AFETY DATA SHEET (A315136)				
13.	DISPOSAL CONSIDERATIONS				
13.1	Waste treatment methods				



## 13.1 Waste treatment methods

#### **Disposal Operations**

Consult state, local or national regulations for proper disposal. Hand over to authorised disposal company as hazardous waste.

#### **Disposal of Packaging**

Disposal must be made according to official regulations.

### 14. TRANSPORT INFORMATION

#### 14.1 UN number ADR/RID: -IMDG: -IATA: -14.2 UN proper shipping name MAMBeed ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods 14.3 Transport hazard class(es) ADR/RID: -IMDG: -IATA: -AmBe 14.4 Packaging group ADR/RID: -IATA: -IMDG: -14.5 Environmental hazards ADR/RID: mBeec IMDG: -IATA: -14.6 Special precautions for user No special precautions required 14.7 Further information No data available 15. REGULATORY INFORMATION This product is ON the EPA Toxic Substances Control Act (TSCA) inventory. California Proposition 65 Not listed on California's listing of known or potential carcinogens. **U.S. Federal Regulations** AmB SARA 313: Not applicable SARA 302: Not applicable SARA 311/312 Hazard Categories: See section 2 for more information Safety Assessment No Chemical Safety Assessment 16. OTHER INFORMATION The reference company name of written contents Company: Ambeed, Inc. Tel:630-580-1088 Fax: 630-581-0788 E-mail:sales@ambeed.com Address: 3205 N WILKE RD, STE 3205-125, Arlington Hts, IL 60004, USA

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This SDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

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