

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ammonium) CAS Number: AGB1701 12. Relevant identified uses of the substance or mixture and uses advised against Identified uses: For laboratory research purposes.Not for drug or household use. 13. Details of the subplier of the safety data sheet Ambeed, h.e. 3205 N WL KE RD, STE 3205-125, Arington Hs, IL 60004, USA Tel: 630-680-1088 E-mail: sales@ambeed.com 14. Emergency telephone number Emergency telephone number Emergency telephone number Emergency telephone number CHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Acute toxicity, oral(Category 4) Acute toxicity, oral(Category 2) No Resource Fle 22. GHS Label elements, including precautionary statements Prictogra Signal word: Warning Hazard statement(s) H305 Signal word: Warning Hazard statement(s) H305 Signal word: Warning Hazard statement(s) H305 Signal word: Warning Hazard statement(s) P261 Avoid breathing dust/turne/gas/mist/vapours/spray. P305+P351+P338 IF NEYES: Rinse cautiously with water for several minutes. Remove caute through the safety data sheet. 3. Other hazards Additional precautionary phrases are located throughout the safety data sheet. 3. COMPOSITION INFORMATION ON INGENDENTS 3.1 Molecular Flormula: CHINS/2042 P	1.1	Product identifiers Product Name: Ammonium hydrogen 2-amino-4-(methyloxidophosphoryl)butanoate(Glufosinate				
Catalog Numbers:       A681701         12       Relevant identified uses of the substance or mixture and uses advised against Mentified uses:       For laboratory research purposes. Not for drug or household use.         13       Details of the supplier of the safety data sheet Ambeed, nc.       3205 N WLKE RD, STE 3205-125, Arlington His, L 60004, USA Tel: 630-580-1088       E-mail: sales@ambeed.com         14       Emergency tolephone number Emergency phone (Canada): 1-800-535-5053       Energency phone (Canada): 1-800-535-5053         2.       HAZARDS IDENTIFICATION       200         2.1       Classification of the substance or mixture OHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Acute toxicity, oral(Category 2)       H315         3.       Serious eye damage/eye initiation(Category 2A)       H302         3.       Skin corrosion/initiation (Category 2A)       H319         3.       Serious eye damage/eye initiation(Category 2A)       H319         3.       Serious eye damage/eye initiation(Category 2A)       H319         3.       Signal word:       Warning         Hazard statement(s)       Harmful if swallowed       H315         H315       Causes skin initiation       H335         H315       Causes skin initiation       H335         H315       Causes skin initiation       H335         H326       Moid breating						
1:2       Relevant identified uses of the substance or mixture and uses advised against identified uses: For laboratory research purposes. Not for drug or household use.         1:3       Details of the supplier of the safety data sheet Ambeed, hc.         3:205 NWLKE RD, STE 3205-125, Arlington His, IL 60004, USA Tel: 630-580-1088 E-mail: sales@ambeed.com         1:4       Emergency lelephone number Eremety properties (State State Stat						
Identified uses:       For laboratory research purposes. Not for drug or household use.         1.3       Details of the supplier of the safety data sheet Ambeed, hc.         3205       NULKE RD, STE 3205-125, Artington His, IL 60004, USA Tet. 630-580-1088         Emergency lelephone number Emergency phone (USA): 1-352-323-3500 Emergency phone (USA): 1-352-323-3503         2.       HAZARDS IDENTIFICATION         2.1       Classification of the substance or mixture GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Acute toxicity, oral(Category 2)         Acute toxicity, oral(Category 2)       H315         Serious eve damage/eye irritation (Category 2A)       H319         Specific target organ toxicity, single exposure; Respiratory       H335         system(Category 3)       No Resource File         Pictogra       Equation (1 if swallowed H315         H323       Causes skin irritation H335         H335       Causes serious eve irritation H335         H335       May cause respiratory         Signal word:       Varning         Hazard statement(s)       Hammul if swallowed H335         H335       May cause respiratory irritation H335         H335       May cause respiratory irritation H335         H335       May cause respiratory irritation H335         H335       May cause respiratory irritation H335 <t< td=""><th>1.0</th><td>-</td><td>800</td><td></td><td></td></t<>	1.0	-	800			
13       Details of the supplier of the safety data sheet         Ambeed, Inc.       3205 N WLKE RD, STE 3205-125, Ariington HLs, L 60004, USA         Tel: 630-580-1088       E-mail: sales@ambeed.com         14       Emergency telephone number         Emergency telephone number       Emergency telephone number         Classification of the substance or mixture       GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)         Acute toxicity, oral(Category 4)       H302         Skin corrosion/irritation (Category 2A)       H315         Serious eye damage/eye irritation(Category 2A)       H319         Specific target organ toxicity, single exposure.Respiratory       H335         system(Category 3)       No Resource File         2.2       GHS Label elements, including precautionary statements       Filtdagra         Pictogra       Filt Swallowed         H315       Causes serious eye infriation         H335       May cause respiratory infration	1.2					
Ambeed, Inc.         3205 N WLKE RD, STE 3205-125, Arlington Hts, L 60004, USA         Tet: 630-580-1088       E-mait: sales@ambeed.com         14       Emergency telephone number         Emergency phone (USA): 1-352-323-3500         Emergency phone (USA): 1-352-323-3500         Emergency phone (Canada): 1-800-535-5053         2.       HAZARDS IDENTIFICATION         2.1       Classification in accordance with 29 CFR 1910 (OSHA HCS)         Acute toxicity, oral(Category 4)       H302         Skin corrosion/irritation (Category 2)       H315         Serious eye damage/eye irritation(Category 2A)       H319         Specific target organ toxicity, single exposure;Respiratory       H335         System(Category 3)       No Resource File         2.2       GHS Label elements, including precautionary statements       Pictogra         Pictogra       Varing         H325       May cause serious eye irritation         H335       May cause respiratory irritation         H335	1 2		· · · · · · · · · · · · · · · · · · ·	g of household dee.		
Tel: 630-580-1088       E-mail: sales@ambeed.com         1.4       Emergency telephone number Emergency phone (Canada): 1-800-535-5053         2.       HAZARDS IDENTIFICATION         2.1       Classification of the substance or mixture GHS Classification accordance with 29 CFR 1910 (OSHA HCS) Acute toxicity, oral(Category 4)       H302 Skin corrosion/initation (Category 2)         3.       HAZARDS IDENTIFICATION         2.1       Classification of the substance or mixture GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Acute toxicity, oral(Category 2)       H302 Skin corrosion/initation (Category 2)         3.       Korrosion/initation (Category 2)       H315 Serious eye damage/eye irritation(Category 2A)       H319 Specific target organ toxicity, single exposure; Respiratory         3.       BSR Corrosion/initation (Category 2A)       H319 Specific target organ toxicity, single exposure; Respiratory       H319 Specific target organ toxicity, single exposure; Respiratory         2.2       GHS Label elements, including precautionary statements       Pictogra         Pictogra       Varming         H325       May cause respiratory irritation         H335       May cause respirator	1.5					
Emergency phone (Canada): 1-800-535-5053 2. HAZARDS IDENTIFICATION 2.1 Classification of the substance or mixture GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Acute toxicity, oral(Category 4) H302 Skin corrosion/initiation (Category 2) H315 Serious eye damage/eye irritation(Category 2A) H315 Serious eye damage/eye irritation(Category 2A) H319 Specific target organ toxicity, single exposure; Respiratory H335 system(Category 3) No Resource File 2.2 GHS Label elements, including precautionary statements Pictogra Kategory 8 Hazard statement(s) H302 Hazard statement(s) H302 Hazard statement(s) H302 Causes serious eye irritation H319 Causes serious eye irritation H335 May cause respiratory irritation H335 H221 Content of the Piceautionary statements Pictogra Piceautionary statement(s) H302 Hazard statement(s) H302 Causes serious eye irritation H335 No Resource File Causes serious eye irritation H335 H302 H305 H302 H305 H302 H305 H302 H305 H305 H305 H305 H305 H305 H305 H305			-		4	
Emergency phone (Canada): 1-800-535-5053 2. HAZARDS IDENTIFICATION 2.1 Classification of the substance or mixture GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Acute toxicity, oral(Category 4) H302 Skin corrosion/initiation (Category 2) H315 Serious eye damage/eye irritation(Category 2A) H315 Serious eye damage/eye irritation(Category 2A) H319 Specific target organ toxicity, single exposure; Respiratory H335 system(Category 3) No Resource File 2.2 GHS Label elements, including precautionary statements Pictogra Kategory 8 Hazard statement(s) H302 Hazard statement(s) H302 Hazard statement(s) H302 Causes serious eye irritation H319 Causes serious eye irritation H335 May cause respiratory irritation H335 H221 Content of the Piceautionary statements Pictogra Piceautionary statement(s) H302 Hazard statement(s) H302 Causes serious eye irritation H335 No Resource File Causes serious eye irritation H335 H302 H305 H302 H305 H302 H305 H302 H305 H305 H305 H305 H305 H305 H305 H305		Tel: 630-580-1088	E-mail: sales@ambeed.com	mB		
Emergency phone (Canada): 1-800-535-5053         I       HAZARDS IDENTIFICATION         Classification of the substance or mixture GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Acute toxicity, oral(Category 2)       H302         Skin corrosion/initiation (Category 2A)       H315         Serious eye damage/eye irritation(Category 2A)       H315         Specific target organ toxicity, single exposure: Respiratory       H335         system(Category 3)       H335         No Resource File       Varming         Hazard statement(s)       Harmful if swallowed         H315       Causes skin initiation         H315       Causes serious eye initiation         H315       May cause respiratory initiation         P261       Avoid brea	1.4			PUPE		
2.       HAZARDS IDENTIFICATION         2.1       Classification of the substance or mixture GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Acide toxicity, oral(Category 4)       H302 Skin corrosion/initiation (Category 2)         Acide toxicity, oral(Category 4)       H302 Skin corrosion/initiation (Category 2)       H315 Serious eye damage/eye irritation(Category 2A)         Specific target organ toxicity, single exposure:Respiratory       H335 system(Category 3) No Resource File         2.2       GHS Label elements, including precautionary statements Pictogra         Hazard statement(s)       Warning         H322       Armful if swallowed         H335       Causes skin irritation         H335       May cause respiratory with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.         2.3       Other hazards       IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.         3.1       Molecular Formula:       CSH15NZO4P <th></th> <td></td> <td></td> <td></td> <td></td>						
<ul> <li>Classification of the substance or mixture GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Acute toxicity, oral(Category 4) H302 Skin corrosion/inflation (Category 2) H315 Serious eye damage/eye irritation(Category 2A) H319 Specific target organ toxicity, single exposure;Respiratory H335 system(Category 3) No Resource File</li> <li>GHS Label elements, including precautionary statements Pictogra </li> <li>Signal word: Warning Hazard statement(s) H302 Harmful if swallowed H315 Causes skin irritation H319 Causes serious eye irritation H319 Causes serious eye irritation H335 May cause respiratory irritation H335 May cause respiratory irritation H335 May cause respiratory irritation H319 Causes serious eye irritation H310 Causes eye irri</li></ul>	2		Bee			
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)         Acute toxicity, oral(Category 4)       H302         Skin corrosion/irritation (Category 2)       H315         Serious eye damage/eye irritation(Category 2A)       H319         Specific target organ toxicity, single exposure;Respiratory       H335         system(Category 3)       No Resource Flie         2.2       GHS Label elements, including precautionary statements         Pictogra       Varning         Hazard statement(s)       Harmful if swallowed         H315       Causes skin irritation         H319       Causes serious eye irritation         H315       May cause respiratory irritation         H315       May cause respiratory irritation         H315       Causes, if present and easy to do. Continue rinsing.         2.3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         3.1       Kolecular Formula: <th></th> <th></th> <th>Pol Per</th> <th></th> <th></th>			Pol Per			
Acute toxicity, oral(Category 4)       H302         Skin corrosion/irritation (Category 2A)       H315         Serious eye damage/eye irritation(Category 2A)       H319         Specific target organ toxicity, single exposure;Respiratory       H335         system(Category 3)       No Resource File         2.2       GHS Label elements, including precautionary statements         Pictogra       Varning         Hazard statement(s)       Harmful if swallowed         H315       Causes skin irritation         H315       Causes serious eye irritation         H335       May cause respiratory irritation         Precautionary statement(s)       FIN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.         2.3       Other hazards       Additional precautionary phrases are located throughout the safety data sheet.         3.1       Molecular Formula:       CSH15N20	2.1			)		
Serious eye damage/eye irritation(Category 2A)       H319         Specific target organ toxicity, single exposure;Respiratory       H335         system(Category 3)       No Resource File         2.2       GHS Label elements, including precautionary statements         Pictogra       Varning         Hazard statement(s)       Harmful if swallowed         H315       Causes skin irritation         H315       Causes serious eye irritation         H335       May cause respiratory irritation         H336       Causes serious eye irritation         H337       May cause respiratory irritation         H336       May cause respiratory irritation         H337       May cause respiratory irritation         H335       May cause respiratory irritation         Precautionary statement(s)       P261         P261       Avoid breathing dust/fume/gas/mist/vapours/spray.         P305+P331+P338       IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.         2.3       Other hazards         Additional precautionary phrases are located throughout the safet						
Specific target organ toxicity, single exposure;Respiratory       H335         No Resource File         2.2       GHS Label elements, including precautionary statements         Pictogra       Verming         Signal word:       Warning         Hazard statement(s)       Harmful if swallowed         H335       Causes skin irritation         H335       May cause respiratory irritation         H335       May cause respiratory irritation         H335       May cause respiratory irritation         Precautionary statement(s)       File YES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.         2.3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         3.4       Molecular Formula:		Skin corrosion/irritat	tion (Category 2)	H315		
<ul> <li>system(Category 3) No Resource File</li> <li>GHS Label elements, including precautionary statements Pictogra</li> <li>Signal word: Warning</li> <li>Hazard statement(s)</li> <li>H302</li> <li>H315</li> <li>Causes skin irritation</li> <li>H319</li> <li>Causes serious eye irritation</li> <li>H335</li> <li>May cause respiratory irritation</li> <li>Precautionary statement(s)</li> <li>P261</li> <li>Avoid breathing dust/fume/gas/mist/vapours/spray.</li> <li>P305+P351+P338</li> <li>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>Other hazards</li> <li>Additional precautionary phrases are located throughout the safety data sheet.</li> <li>COMPOSITION, INFORMATION ON INGREDIENTS</li> <li>Molecular Formula:</li> <li>C5H15N2O4P</li> </ul>		Serious eye damage	e/eye irritation(Category 2A)	H319		
No Resource File         2.2       GHS Label elements, including precautionary statements Pictogra         Signal word:       Warning         Hazard statement(s)         H302       Harmful if swallowed         H315       Causes skin irritation         H335       May cause respiratory irritation         H335       May cause respiratory irritation         Precautionary statement(s)       P261         P261       Avoid breathing dust/fume/gas/mist/vapours/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.         2.3       Other hazards Additional precautionary phrases are located throughout the safety data sheet.         3.       COMPOSITION, INFORMATION ON INGREDIENTS         3.1       Molecular Formula:		Specific target orga	n toxicity, single exposure;Respiratory	H335		
<ul> <li>CHS Label elements, including precationary statements Pictogra</li> <li>Signal word: Warning</li> <li>Hazard statement(s)</li> <li>H302</li> <li>Harmful if swallowed</li> <li>H315</li> <li>Causes skin irritation</li> <li>H319</li> <li>Causes serious eye irritation</li> <li>H335</li> <li>May cause respiratory irritation</li> <li>Precautionary statement(s)</li> <li>P261</li> <li>Avoid breathing dust/fume/gas/mist/vapours/spray.</li> <li>P305+P351+P338</li> <li>IF IN E YES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>Other hazards</li> <li>Additional precautionary phrases are located throughout the safety data sheet.</li> <li>COMPOSITION, INFORMATION ON INGREDIENTS</li> <li>Molecular Formula:</li> </ul>		system(Category 3)	COL			
Pictogra       Warning         Signal word:       Warning         Hazard statement(s)       Harnful if swallowed         H302       Harnful if swallowed         H315       Causes skin irritation         H319       Causes serious eye irritation         H335       May cause respiratory irritation         Precautionary statement(s)       Precautionary statement(s)         P261       Avoid breathing dust/fume/gas/mist/vapours/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.         Compositionary phrases are located throughout the safety data sheet.       South cause for throughout the safety data sheet.         Gouppositionary phrases are located throughout the safety data sheet.       South cause for throughout the safety data sheet.         Molecular Formula:       C5HJS204P		No Resource File	ed.			
Signal word:       Warning         Hazard statement(s)       Harmful if swallowed         H302       Harmful if swallowed         H315       Causes skin irritation         H319       Causes serious eye irritation         H335       May cause respiratory irritation         H335       May cause respiratory irritation         Precautionary statement(s)       Peo1         P261       Avoid breathing dust/fume/gas/mist/vapours/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.         2.3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         3.1       Molecular Formula:         C5H15N2O4P	2.2		s, including precautionary statements			
Hazard statement(s)       Harmful if swallowed         H302       Harmful if swallowed         H315       Causes skin irritation         H319       Causes serious eye irritation         H335       May cause respiratory irritation         Precautionary statement(s)       P261         P261       Avoid breathing dust/fume/gas/mist/vapours/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.         2.3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         3.       COMPOSITION, INFORMATION ON INGREDIENTS         3.1       Molecular Formula:		Pictogra				
H302       Harmful if swallowed         H315       Causes skin irritation         H319       Causes serious eye irritation         H335       May cause respiratory irritation         Precautionary statement(s)       P261         P261       Avoid breathing dust/fume/gas/mist/vapours/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.         2.3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         3.       COMPOSITION, INFORMATION ON INGREDIENTS         3.1       Molecular Formula:		Signal word:	Warning			
H315       Causes skin irritation         H319       Causes serious eye irritation         H335       May cause respiratory irritation         Precautionary statement(s)       Precautionary statement(s)         P261       Avoid breathing dust/fume/gas/mist/vapours/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.         2.3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         3.       COMPOSITION, INFORMATION INGREDIENTS         3.1       Molecular Formula:		Hazard statement(s)	)			
H319       Causes serious eye irritation         H335       May cause respiratory irritation         Precautionary statement(s)       P261         P261       Avoid breathing dust/fume/gas/mist/vapours/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.         2.3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         3.       COMPOSITION, INFORMATION INGREDIENTS         3.1       Molecular Formula:		H302	Harmful if swallowed			
H335       May cause respiratory irritation         Precautionary statement(s)       Avoid breathing dust/fume/gas/mist/vapours/spray.         P261       Avoid breathing dust/fume/gas/mist/vapours/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.         2.3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         3.       COMPOSITION, INFORMATION ON INGREDIENTS         3.1       Molecular Formula:						
Precautionary statement(s)       Avoid breathing dust/fume/gas/mist/vapours/spray.         P261       Avoid breathing dust/fume/gas/mist/vapours/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.         2.3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         3.       COMPOSITION, INFORMATION ON INGREDIENTS         3.1       Molecular Formula:         C5H15N2O4P			-			
P261       Avoid breathing dust/fume/gas/mist/vapours/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.         2.3       Other hazards Additional precautionary phrases are located throughout the safety data sheet.         3.       COMPOSITION, INFORMATION ON INGREDIENTS         3.1       Molecular Formula:         C5H15N204P		H335	May cause respiratory irrita	ation		
<ul> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>Other hazards Additional precautionary phrases are located throughout the safety data sheet.</li> <li>COMPOSITION, INFORMATION ON INGREDIENTS</li> <li>Molecular Formula: C5H15N2O4P</li> </ul>		-				
<ul> <li>Contact lenses, if present and easy to do. Continue rinsing.</li> <li>Cother hazards Additional precautionary phrases are located throughout the safety data sheet.</li> <li>COMPOSITION, INFORMATION ON INGREDIENTS</li> <li>Molecular Formula: C5H15N2O4P</li> </ul>			-			
<ul> <li>2.3 Other hazards Additional precautionary phrases are located throughout the safety data sheet.</li> <li>3. COMPOSITION, INFORMATION ON INGREDIENTS</li> <li>3.1 Molecular Formula: C5H15N2O4P</li> </ul>		P305+P351+P338		•		
Additional precautionary phrases are located throughout the safety data sheet.         3.       COMPOSITION, INFORMATION ON INGREDIENTS         3.1       Molecular Formula:         C5H15N2O4P					long.	
3.1 Molecular Formula: C5H15N2O4P	2.3		nary phrases are located throughout the safety	data sheet.		
	3.	COMPOSITION, INFORMATION ON INGREDIENTS				
	3.1	Molecular Formula:	C5H15N2O4P			
To research use only in the search use only in						

Sales@ambeed.com

ntering www.ambeed.com

630-581-0788 3205 N WILKE Rd, STE 3205-125, Arlington Hts, IL 60004, USA

630-580-1088



198.16 Molecular Weight:

Component		Concentration		
Ammonium hydrogen 2-amino-4-(methyloxidophosphoryl)butanoate				
CAS Number	77182-82-2	-		

#### FIRST AID MEASURES 4.

## 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

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 PLAMBeec No data available

#### 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

630-580-1088

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

#### ACCIDENTAL RELEASE MEASURES 6.

# 6.1 Personal precautions, protective equipment and emergency procedures

630-581-0788

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.

Sales@ambeed.com

Product Url: www.ambeed.com/products/77182-82-2.html

For Research Use Only!



🔘 3205 N WILKE Rd, STE 3205-125, Arlington Hts, IL 60004, USA

Reference www.ambeed.com



#### 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.

# 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.

#### HANDLING AND STORAGE 7.

## 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.Keep in dark place, lnert atmosphere, 2-8°C

## 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.

#### EXPOSURE CONTROLS, PERSONAL PROTECTION 8.

#### 8.1 Control parameters

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

# Appropriate engineering controls

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

Product Url: www.ambeed.com/products/77182-82-2.html

For Research Use Only!

630-580-1088 630-581-0788 🔘 3205 N WILKE Rd, STE 3205-125, Arlington Hts, IL 60004, USA

Sales@ambeed.com

Reference www.ambeed.com

Page 3 of 6





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).

Ami

White to off-white solid

No data available

No data available No data available

No data available

## Control of environmental exposure

Do not let product enter drains.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

MAMBe

Appearance **Boiling Point** Melting Point Odour Odour Threshold рΗ Flash point Evapouration rate Vapour pressure Vapor Density Relative density Solubility in water Auto-ignition temperature Decomposition temperature Viscosity No Data Explosive properties Oxidizing properties

# 10. STABILITY AND REACTIVITY

# 10.1 Reactivity

No data available

# 10.2 Chemical stability

Stable under recommended storage conditions.

## 10.3 Possibility of hazardous reactions No data available

- 10.4 Conditions to avoid No data available
- 10.5 Incompatible materials No data available

# Amerad 10.6 Hazardous decomposition products Carbon monoxide, carbon dioxide, nitrogen oxides, oxides of phosphor

# 11. TOXICOLOGICAL INFORMATION

# 11.1 Information on toxicological effects

Acute Toxicity

No data available

Product Url: www.ambeed.com/products/77182-82-2.html

630-580-1088

630-581-0788

🔘 3205 N WILKE Rd, STE 3205-125, Arlington Hts, IL 60004, USA

Sales@ambeed.com



Reg www.ambeed.com

For Research Use Only!

Page 4 of 6

MAMBer

AmBeed

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 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
- 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

# 13. DISPOSAL CONSIDERATIONS

# 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.

AmBeed

#### Disposal of Packaging

Disposal must be made according to official regulations.

# 14. TRANSPORT INFORMATION

#### 14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

Reg www.ambeed.com

# 14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods IATA: Not dangerous goods

Product Url: www.ambeed.com/products/77182-82-2.html

630-580-1088

🖲 630-581-0788

🔘 3205 N WILKE Rd, STE 3205-125, Arlington Hts, IL 60004, USA

Sales@ambeed.com

a

For Research Use Only !

Ambeed, Inc.
SAFETY DATA SHEET (A661701)



14.3	Transport hazard class(es) ADR/RID: -	IMDG: -	IATA: -		
14.4	Packaging group ADR/RID: -	IMDG: -	IATA: -		
14.5	Environmental hazards ADR/RID: -	IMDG: -	IATA: -		
14.6	Special precautions for user No special precautions required				
14.7	Further information No data available				
15. REGULATORY INFORMATION					
	Product is not subject to any additional regulations: Product is not subject to any additional regulations or provisions California Proposition 65 Not listed on California's listing of known or potential carcinogens. U.S. Federal Regulations 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 write Company: Ambaged Inc.	tten 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

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.

al

Revision Date 09/29/2023 Print Date 03/27/2024

Product Url: www.ambeed.com/products/77182-82-2.html

For Research Use Only!

630-580-1088 630-581-0788 Sales@ambeed.com

Reg www.ambeed.com 🔘 3205 N WILKE Rd, STE 3205-125, Arlington Hts, IL 60004, USA