

#### CHEMICAL PRODUCT AND COMPANY IDENTIFICATION 1.

#### 1.1 Product identifiers

Product Name: 1-(2-Furyl)-2-nitroethylene CAS Number: 699-18-3 Catalog Numbers: A999401

- 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, Inc. 1001 Asbury Dr., Buffalo Grove, IL 60089, USA Tel: 630-580-1088 E-mail: sales@ambeed.com
- Emergency telephone number 1.4 Emergency phone (USA): 1-352-323-3500 Emergency phone (Canada): 1-800-535-5053

# ATAMBer

#### 2. HAZARDS IDENTIFICATION

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/irritation (Category 2)	H315
	Serious eye damage/eye irritation (Category 1)	H318
	Specific target organ toxicity, single exposure;Respiratory	H335
	system(Category 3)	
	No Resource File	

## Beed 2.2 GHS Label elements, including precautionary statements

Pictogra



Signal word:

Hazard statement(s)	
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation
Precautionary statement(s)	
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face
	protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a
	position comfortable for breathing.

,0 Product Url: www.ambeed.com/products/699-18-3.html

For Research Use Only !

Reg www.ambeed.com

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



2	Other hererde	
	P501	Dispose of contents/container to in accordance with local regulation
	P405	Store locked up.
	P403+P233	Store in a well-ventilated place. Keep container tightly closed.
	P361	Remove/Take off immediately all contaminated clothing.
	P330	Rinse mouth.
	P310	Immediately call a POISON CENTER or doctor/physician.

#### 2.3 Other hazards

Additional precautionary phrases are located throughout the safety data sheet.

#### 3. COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Molecular Formula: C6H5NO3 Molecular Weight: 139.11

Component	λ.	Concentration
1-(2-Furyl)-2-nitroethylene	Beer	R
CAS Number	699-18-3	-

#### 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

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

### 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

Product Url: www.ambeed.com/products/699-18-3.html

For Research Use Only !

Reg www.ambeed.com

630-580-1088

Sales@ambeed.com

1001 Asbury Dr., Buffalo Grove, IL 60089,USA



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.

#### 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, 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.

### 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

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

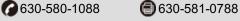
## Personal protective equipment

Eye/face protection

Product Url: www.ambeed.com/products/699-18-3.html

🔘 1001 Asbury Dr., Buffalo Grove, IL 60089,USA

For Research Use Only !



Sales@ambeed.com





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).

#### Control of environmental exposure

Do not let product enter drains.

#### PHYSICAL AND CHEMICAL PROPERTIES 9.

Appearance	Powder or crystals
Boiling Point	No data available
Melting Point Odour	No data available
Odour	No data available
Odour Th <mark>r</mark> eshold	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
STABILITY AND REACTIVITY	AmBeeo
Reactivity	Part
No data available	

#### 10. STABILITY AND REACTIVITY

#### 10.1 Reactivity

#### 10.2 Chemical stability

Stable under recommended storage conditions.

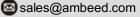
#### 10.3 Possibility of hazardous reactions

Product Url: www.ambeed.com/products/699-18-3.html

630-580-1088

630-581-0788

1001 Asbury Dr., Buffalo Grove, IL 60089, USA





AnnBer

For Research Use Only!

AmBeed

No data available

- 10.4 Conditions to avoid Not data available
- 10.5 Incompatible materials Not data available

## 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

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 MamBeed 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
- 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** 

Product Url: www.ambeed.com/products/699-18-3.html

630-580-1088

630-581-0788 🔘 1001 Asbury Dr., Buffalo Grove, IL 60089,USA

Sales@ambeed.com

-0

For Research Use Only!



Reg www.ambeed.com

MAMBeed



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: 1759	IMDG: 1759	IATA: 1759
14.2 UN proper shipping na ADR/RID: Corrosive s IMDG: Corrosive solid IATA: Corrosive solid,	solid, n.o.s. 1, n.o.s. , n.o.s.	
14.3 Transport hazard clas ADR/RID: 8	s(es) IMDG: 8	IATA: 8
14.4 Packaging group ADR/RID: III	IMDG: III	IATA: III
14.5 Environmental hazard ADR/RID: -	ls IMDG: -	IATA: -
14.6 Special precautions for No special precaution	is required	Panea
14.7 Further information No data available	amBeed	
15. REGULATORY INF		
Product is not subject California Proposition Not listed on California U.S. Federal Regulation SARA 313: Not applied SARA 302: Not applied	a's listing of known or potential carcinogen ons cable cable rd Categories: See section 2 for more infor	IS.
Company: Ambeed, lr Tel:630-580-1088	ny name of written contents	eed.com

Product Url: www.ambeed.com/products/699-18-3.html

For Research Use Only!

www.ambeed.com

 630-580-1088
 630-581-0788

⊠ sales@ambeed.com



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.

reed

Revision Date 01/11/2025 Print Date 07/10/2025

Product Url: www.ambeed.com/products/699-18-3.html

630-581-0788

For Research Use Only !

1001 Asbury Dr., Buffalo Grove, IL 60089,USA

630-580-1088

⊠ sales@ambeed.com