

26% CAN Fertilizer

Safety Data Sheet

(EC) No. According to Regulation 1907/2006 (REACH) and its amendment Regulation (EU) 2020/878 and published in the Official Gazette No. 30105 dated 23 June 2017, Registration, Evaluation, Authorization and Control of Chemicals

It has been prepared in accordance with the Regulation on Restrictions.

Date of publication: 1.04.2012 Revision date: 08.08.2024

Version: 5.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : 26% CAN Fertilizer

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

1.2.1 Relevant identified uses

EC Fertilizer

1.2.2 Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Gemlik Gübre Sanayii A.Ş.
Ata Mahallesi Sanayi Caddesi No:6
Bursa - Türkiye
T +902245190070
info@gemligubre.com.tr - <http://www.gemligubre.com.tr>

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Turkey	Ulusal Zehir Merkezi (UZEM) Refik Saydam Hıfızsihha Merkezi Başkanlığı	Cemal Gürsel Cd. No: 18 Sıhhiye Çankaya 06590 Ankara	114	Information is provided to public and medical personnel on poisoning incidents via 114.
Turkey	Gemlik Gübre San. A.Ş.	Ata Mahallesi Sanayi Caddesi No:6 16600 Gemlik-Bursa	+90 224 519 00 70	between working hours (08:00-18:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

In accordance with the Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures published in the Official Journal numbered 29204 on December 13, 2014 Classification according to SEA and EC No 1272/2008 CLP

Serious eye damage/eye irritation, Category 2 H319

Full text of H-statements: see section 16

2.2. Label elements

In accordance with the Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures published in the Official Journal numbered 29204 on December 13, 2014 Labeling according to SEA and EC No 1272/2008 CLP

Hazard pictograms (SEA) :



GHS07

Signal word (SEA) :

Warning

Hazard statements (SEA) :

H319 - Causes serious eye irritation.

Precautionary statements (SEA) :

P264 - Wash hands, forearms and face with soap and water thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Other hazards not contributing to the classification

Adverse physicochemical, human health and environmental effects : Causes serious eye irritation.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	In accordance with the Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures published in the Official Journal numbered 29204 on December 13, 2014 Classification according to SEA and EC No 1272/2008 CLP
Ammonium nitrate	(CAS-No.) 6484-52-2 (EC-No.) 229-347-8 (REACH-No.) 01-2119490981-27-XXXX	< 80	Ox. Liq. 2, H272 Eye Irrit. 2, H319
Limestone mineral	(CAS-No.) 471-34-1 (EC-No.) 207-439-9	> 20	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Take casualties away from the exposure zone immediately. If breathing has ceased, apply artificial respiration. Keep the casualty warm and rest. Call the health officer now. Loosen the arm and collar parts of the clothes.
First-aid measures after skin contact	: Wash skin with plenty of water. Remove the casualties from the exposure area. Remove contaminated clothing.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Take casualties away from the exposure zone immediately. If contact lenses are present, they should be removed before washing eyes. Wash the eyes immediately with plenty of water by opening the eyelids. Keep rinsing for at least 15 minutes. Consult doctor immediately if symptoms persist after cleansing.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell. Never breathe anybody who is not in the right place and do not drink a liquid. Rinse mouth thoroughly. In case of persistent illness consult doctor.

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

Symptoms/effects after eye contact	: Eye irritation.
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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: This product does not extinguish. Water should be used as an extinguisher.
Unsuitable extinguishing media	: Chemical extinguisher, foam, sand, steam should not be used.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: It does not cause fire alone. Thermal degradation under high temperature (in the fire environment). Degradation results in the formation of toxic gases. (Carbon monoxide (CO), Carbon dioxide (CO2), Nitrogen oxides (NOx) and Ammonia (NH3)).
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5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. In case of fire use self-contained breathing apparatus and full protective clothing. Protective face mask, protective gloves and safety helmet.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes.
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6.1.2. For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions	
Avoid release to the environment.	

6.3. Methods and material for containment and cleaning up	
Methods for cleaning up	: Mechanically recover the product. If the product gets into sewage or city waters, inform the authorities. In small spills, place the product in a dry, clean, closed container. Mechanically clean the affected area. After cleaning, wash the contaminated area with plenty of water.

6.4. Reference to other sections	
For further information refer to section 13.	

SECTION 7: Handling and storage

7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Pay attention to slippery bases and surfaces in case of spillage. It should not be left exposed to protect from moisture. No smoking should be used during handling, open fire should not be used.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities	
Storage conditions	: Store in a well-ventilated place. Keep cool. It should be stored away from combustible materials, reducing agents and strong bases. Equipment such as power tools, switches and fuse boxes should be located outside the warehouse as far as possible.

7.3. Specific end use(s)	
No additional information available	

SECTION 8: Exposure controls/personal protection

8.1. Control parameters	
No additional information available	

8.2. Exposure controls	
Appropriate engineering controls	: Ensure good ventilation of the work station.
Personal protective equipment	: Gas mask. Safety glasses. Gloves. Protective clothing.
Hand protection	: Use chemical protective gloves. After your contact, wash your hands. Chemical gloves for prolonged contact (EN 374-1, EN-374-2, EN-374-3, EN 388, EN 420, EN 346) should be used.
Eye protection	: Chemical protective goggles or face shield Suitable eye protection (EN 166) or face shield should be used.
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation wear suitable respiratory equipment. Beware of dust. Ensure proper ventilation. Excessive dust formation should be avoided. Avoid dust formation. In case of dust formation use appropriate mask. P2 type dust mask should be used when dust concentration is high. If gasification occurs, gore full face gas masks or tube masks should be used



Environmental exposure controls	: Avoid release to the environment. The spillage should be swept, cleaned and cleaned in a short time and labeled. Prevention of mixing of chips and other combustible or organic materials should be avoided. Depending on the type and degree of pollution, it is either used as fertilizer or disposed of in authorized facilities. Avoid spilling into sewer or water sources. In case of spills or discharges to the water source, it is necessary to apply to the relevant environmental agency or other appropriate inspection centers immediately.
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8.3. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: White to yellow
Odour	: Odourless
Odour threshold	: No data available
pH (100g/lit 20°C)	: 6 - 7.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting / Freezing point	: 169 - 170 °C
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: >=210 °C
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Bulk Density	: 900-1100 kg/ m³
Solubility	: Soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: The fertilizer shows a high resistance to explosion. This resistance is reduced in soiling and / or at high temperatures. When it is heated strongly in pressure vessels (eg tube: etc), it reacts violently or fires if it is contaminated with substances specified in Chapter 10.
Oxidising properties	: It is not an oxidizer
Explosive limits	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid overheating to prevent thermal degradation. Keep away from direct sunlight, heat, flames and sparks. Avoid contact with air as it is a hygroscopic product.

10.5. Incompatible materials

Organic substances, Strong acids, Strong bases, flammable substances, reducing substances

10.6. Hazardous decomposition products

Under normal conditions of storage and use, no hazardous decomposition products should be caused. When thermal decomposition occurs, they form toxic nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified pH: 6 - 7.5

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Serious eye damage/irritation	: Causes serious eye irritation. pH: 6 - 7.5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

12.2. Persistence and degradability	
No additional information available	

12.3. Bioaccumulative potential	
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Bioaccumulative potential	No additional information available

12.4. Mobility in soil	
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Mobility in soil	No additional information available

12.5. Results of PBT and vPvB assessment	
No additional information available	

12.6. Other adverse effects	
Ozone	: Not classified
Other adverse effects	: No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN				
ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated for transport				
14.2. UN proper shipping name				
	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

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14.6. Special precautions for user

- Overland transport
No data available
- Transport by sea
No data available
- Air transport
No data available
- Inland waterway transport
No data available
- Rail transport
No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- 15.1.1. EU-Regulations
- Environmental Law
 - Water Pollution Control Regulation
 - Regulation on Control of Soil Pollution and Contaminated Soil
 - Waste Management Regulation
 - Packaging Waste Control Regulation

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

15.2. Additional information

- Examine the following regulations for other national measures that may be relevant to legislation or interest for the implementation of the provisions of this safety data sheet.
- Regulation on the Preparation and Disposal of Safety Data Sheets for Hazardous Substances and Mixtures
 - Regulation on the Classification, Labeling and Packing of Harmful Substances and Mixtures
 - Regulation on Restrictions on the Production, Market Supply and Use of Certain Hazardous Materials, Preparations and Products
 - Law on Occupational Health and Safety
 - Regulation on Health and Safety Precautions in Carcinogenic and Mutagenic Activities
 - Regulation on Health and Safety Precautions in Working with Chemical Substances
 - Regulation on the Use of Personal Protective Equipment in Workplaces

SECTION 16: Other information

Full text of R-, H- and EUH-statements:
Full text of H- and EUH-statements:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Ox. Liq. 2	Oxidising Liquids, Category 2
H272	May intensify fire; oxidiser.
H319	Causes serious eye irritation.

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Other information

: his document has been prepared and approved by Gemlik Gübre Sanayii A.Ş. and certified by MAVİ YEŞİL DANIŞMANLIK accredited experts who are certified by the Regulation on Safety Data Sheets on Hazardous Substances and Mixtures, dated December 13, 2014 and numbered 29204 .

Expert: Beyza SEVİM

Expert Accreditation No: NBC04.69.01&26.03.2024

Effective Date: 26.03.2029

Validity Period: 5 YEARS

. Key information sources used in the arrangement of this safety data sheet;

- Safety data sheet / form prepared by the manufacturer for the product
- "Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" and its annexes,
- "Regulation on the Classification, Labeling and Packing of Materials and Mixtures" and its annexes
- "Regulation on Health and Safety Precautions for Carcinogenic and Mutagenic Work" and its annexes,
- Other relevant local regulations
- ADR, AND, RID, IMDG, IATA lists, ECHA and related EU directives,

The information provided in this Safety Data Sheet is based on our current best practices, knowledge and beliefs as of the date of preparation. The information provided is designed to be a guide for safe handling, handling, handling, storage, transport, disposal and disposal. This information applies only to the specified substance / mixture, unless otherwise specified in the documentation, and may not apply if this substance is used in combination with other substances or if any other procedure is used. Please observe the information in the Safety Data Sheet for use. This information is based on our current knowledge. This Safety Data Sheet defines the product according to the appropriate safety regulations, but does not guarantee the safety of the product. It does not constitute a guarantee and the product specifications do not establish a legally valid contractual relationship.

SDS Turkey Compliant

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product