

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 07.01.2025

Version number 5 (replaces version 4)

Revision: 07.01.2025

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

**1.1 Product identifier**

**Trade name:** EXPLOGEL 200

**UFI:** 6600-80Q7-N00M-5Y69

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

Industrial use

Professional Use

**Application of the substance / the mixture:**

is an emulsion type explosive based on oxidizing and flammable salts. It can be used in a wide range of civil (non-military) works such as quarries, mines, general construction works applications etc.

The use of product should be carried out by authorized and trained personnel only.

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

**Manufacturer/Supplier:**

ELTEK S.A.

Address: Agalaioi, Grevena,

PC 51100, Grevena, Greece

Tel.: +30 2462 770 000

Fax: +30 212 222 2890

E-mail: info@eltek.com.gr

www.eltek.com.gr

**1.4 Emergency telephone number:**



European Emergency Tel.: 112

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation EC No 1272/2008 CLP:**



GHS01 exploding bomb

Expl. 1.1 H201 Explosive; mass explosion hazard.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

**2.2 Label elements**

**Labelling according to Regulation EC No 1272/2008 CLP:**

The product is classified and labelled according to the CLP regulation.

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**Hazard pictograms:**



GHS01 GHS07

**Signal word:** Danger

**Hazard statements:**

H201 Explosive; mass explosion hazard.

H319 Causes serious eye irritation.

**Precautionary statements**

- |                     |  |
|---------------------|--|
| P210                | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                   |
| P250                | Do not subject to grinding/shock/friction.   |
| P280                | Wear protective gloves/protective clothing/eye protection/face protection/hearing 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. |
| P370+P372+P380+P373 | In case of fire: Explosion risk. Evacuate area. DO NOT fight fire when fire reaches explosives.                                  |
| P501                | Dispose of contents/container in accordance with local/regional/national/international regulations.                              |

**2.3 Other hazards**

It may explode massively due to: percussion, friction, fire, sparks or as a result of a shock wave from a nearby explosion. The explosion of this product, produces high amounts of pressure and heat which may lead to severe injuries or even death.

**IMPORTANT:** Do not use this product in areas that may contain flammable gasses or dust. The smoke that is produced during the explosion and burning of this product is toxic. It contains odorless and colorless nitrogen oxides (NOx) and carbon oxides (CO and CO<sub>2</sub>). Symptoms that are caused after being exposed to toxic fumes include headaches, nausea, fatigue, confusion and fainting. It may also cause irritation of the respiratory system, bronchitis, bronchopneumonia, and in severe cases acute pulmonary edema and death.

**IMPORTANT:** In open and closed area explosions the fumes may transfer underground in closed areas (tunnels, wells etc) where they accumulate and may be maintained for a long period of time. When entering such areas after a blast, always follow rules and regulations of entering and always check for toxic fumes before entering. Explosions may create the danger of landslides in the surrounding area.

**Results of PBT and vPvB assessment**

The product does not contain ingredients that are considered either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Determination of endocrine-disrupting properties**

The product does not contain substances included in the list established in accordance with Article 59(1) of REACH for endocrine disrupting properties or has not been identified as having endocrine disrupting properties according to the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or higher than 0.1%.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**Description:** Mixture: consisting of the following components.

#### Ingredients according Regulation (EU) 2020/878:

CAS: 6484-52-2 EINECS: 229-347-8 Reg.nr.: 01-2119490981-27-XXXX	ammonium nitrate ⚠ Ox. Sol. 3, H272; ⚠ Eye Irrit. 2, H319	≥30-<75%
CAS: 7631-99-4 EINECS: 231-554-3 Reg.nr.: 01-2119488221-41-XXXX	Sodium nitrate ⚠ Ox. Sol. 3, H272; ⚠ Eye Irrit. 2, H319	≥10-<30%

#### SVHC

This product does not contain candidate substances of very high concern at a concentration ≥0.1% (Regulation (EC) No 1907/2006 (REACH), Article 59)

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information:

In all cases call a doctor

Never give anything by mouth to an unconscious person.

##### After inhalation:

Move the person exposed to fresh air and try to keep him warm and calm - if breathing is out of order or has stopped completely, apply Cardiopulmonary resuscitation (CPR). Do not give anything by mouth to an unconscious person. Seek medical assistance.

In case of inhaling of toxic fumes has occurred move the person exposed away from the toxic environment to fresh air. Before doing this make sure no fumes are present or wear special protection gear (SCBA masks with suitable filters)

Important: In case of inhaling of toxic fumes has occurred, immediate medical examination is necessary. There is a risk of pulmonary edema as a later effect of exposure.

##### After skin contact:

Remove contaminated clothing.

Rinse well with soap and water.

Do not use solvents or thinners.

In case of discomfort, consult a doctor.

##### After eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses.

Continue to rinse for at least 10 minutes.

Get medical attention if irritation occurs.

##### After swallowing:

If swallowed, drink immediately: water. Get medical help if problems persist.

Keep the sufferer warm and at rest.

Do not induce vomiting.

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

Irritant product, repeated or prolonged contact with skin and mucous membranes, may cause redness, blisters or dermatitis – inhalation of vapors or suspended particles may cause respiratory tract irritation. Some symptoms may not be immediate. Allergic reactions may occur.

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

doubt or when symptoms of discomfort persist, consult a doctor. Do not give anything by mouth to an unconscious person.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

DO NOT UNDER ANY CIRCUMSTANCES ATTEMPT TO EXTINGUISH THE FIRE.

Evacuate all personnel to a predetermined safe location.

In the event that the fire has already reached the explosives no extinguishing measures are applicable.

**DANGER OF EXPLOSION**

Other cases: use a suitable firefighting measure according to the circumstances and the type of fire.

**5.2 Special hazards arising from the substance or mixture**

In case of fire, toxic gases may be formed. Carbon monoxide (CO). Nitrous gases (NO<sub>x</sub>).

A large fire can cause an explosion.

Being exposed to these products of burning or decomposition may be harmful to health.

**5.3 Advice for firefighters****Protective equipment:**

Firefighting actions may only take place in case that the flames from the fire have not surrounded the product.

These actions must be limited to preventing the fire of reaching the product and the restriction of the extent of the fire. In case this action is safe, remove any vessels that are present near the fire.

In the event that the fire has already reached the explosives no extinguishing measures are applicable.

**DANGER OF EXPLOSION.** Evacuate all personnel to a safe location.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.

Keep away from ignition sources.

Eliminate electrostatic charges.

Do not smoke.

Avoid contact with skin and eyes.

**6.1.1 For non-emergency personnel** Use personal protective equipment.

**6.1.2 For emergency responders**

Wear protective equipment. Keep unprotected persons away.

First-aid responders must wear protective clothing, gloves, goggles and respiratory device with filter type A.

**6.2 Environmental precautions:** Prevent the product from entering sewers, rivers or the aquatic environment.

**6.3 Methods and material for containment and cleaning up:**

Seal any damaged package or wrapping.

Collect any spilled or damaged product in containers that consist of antistatic material. During these processes avoid any sparks. Use special equipment (never use iron consisting tools).

Any damaged product should not be used. Store in a ventilated area away from other products and away from anything that may affect its stability

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**6.4 Reference to other sections:**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Avoid contact with skin and eyes.  
Do not eat, drink or smoke at the workplace.  
Wash contaminated clothes before reusing them.  
Wash your hands before each break and after finishing work.  
Open and handle receptacle with care.  
Ensure adequate ventilation.  
Explosive material and ignition means, must be used only by suitably trained personnel.  
Handle with care. Avoid jolting, friction and impact.  
Put on appropriate personal protective equipment (see section 8 of SDS).

**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Keep away from heat, sparks, open flames and hot surfaces.  
Prevent the creation of electrostatic charges

**Handling:**

Handle this product with caution when loading in order to avoid breaking the packaging and possible release of the explosives inside of it.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:**

Store in accordance with national legislation. Follow label directions. Store containers at temperatures below 50 °C, in a dry, well-ventilated place, away from heat sources and direct sunlight.

Classification and minimum storage quantity, according to Annex I of Directive 2012/18/EE (SEVESOIII):

Category: P1a

Description: EXPLOSIVES

Qualifying quantity (tonnes) of dangerous substances:

- Lower-tier requirements: 10

- Upper-tier requirements: 50

**Requirements to be met by storerooms and receptacles:**

Store in a cool location.

It is kept in the original packaging.

**Information about storage in one common storage facility:**

Keep it away from oxidizing agents and strong acid or alkaline materials.

**Further information about storage conditions:**

Keep container tightly sealed.

Store under lock and key and with access restricted to technical experts or their assistants only.

**7.3 Specific end use(s)**

It is an emulsion-type explosive, composed of oxidizing and flammable salts, sensitive to explosion and used for civil (non-military) use in quarries, mines and public works.

Read carefully the instructions for use inside the package.

Use the product in accordance with applicable legislation and issued permits.

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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**DNELs**

(CAS: 6484-52-2) Ammonium nitrate

Workers:

Acute systemic effects, skin contact : 21.3 mg/kg/bw/d

Acute systemic effects, inhalation: 37.6 mg/m<sup>3</sup>

General population:

Acute systemic effects, skin contact : 12.8 mg/kg/bw/d

Acute systemic effects, ingestion : 12.8 mg/kg/bw/d

Acute local effects, inhalation : 11.1 mg/kg/bw/d

**PNECs**

(CAS: 6484-52-2) Ammonium nitrate

Fresh water: 0.45 mg/l

Marine water: 0.045 mg/l

Intermittent release: 4.5 mg/l

STP: 18 mg/l

(CAS: 7631-99-4) Sodium nitrate

STP: 18 mg/l

**8.2 Exposure controls****8.2.1. Appropriate engineering controls** Provide adequate ventilation.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Avoid contact with skin and eyes.

Do not eat, drink or smoke while using the product.

Do not breathe vapours or mists.

Remove contaminated clothes and wash before reusing them.

Clean skin thoroughly immediately after handling the product.

**Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

**Hand protection**

Wear suitable gloves (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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**Material of gloves**

PVC (polyvinyl chloride)

Material thickness: 0,35 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material**

Penetration time  $\geq 480$  minutes.

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye/face protection**



Safety glasses

EN 165, EN 166, EN 167, EN 168.

The lenses should be kept clean in order for the person wearing the glasses to be able to see as clear as possible. Protective gear should be disinfected periodically according to the supplier's indications.

Indications of wear out: yellowness of lenses, scratches etc.

**Body protection:**



Protective work clothing

CE labeling Cat. II. Protective clothing should fit properly (not too loose, not too tight) in order for the person wearing it to move without problems.

EN 340

Wash and maintain according to the manufacturer's indications.

Protective clothing should provide a level of comfort while still keeping the person using it safe from the hazards they are used for.



Boots

CE labeling Cat. II.

EN ISO 13287, EN 20347.

Shoes should fit the size and shape of the user's feet. Thus, sharing shoes should be avoided.

Working shoes should be equipped with any means needed for keeping the person wearing them safe.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

**Physical state**

Liquid

**Colour:**

white or grey

**Odour:**

Hydrocarbon like

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<b>Odour threshold:</b>	Not determined
<b>Melting point/freezing point:</b>	Not determined
<b>Boiling point or initial boiling point and boiling range</b>	Not specified
<b>Flammability</b>	Not applicable
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>Flash point:</b>	>60 °C
<b>Auto-ignition temperature:</b>	Not specified
<b>Decomposition temperature:</b>	Not determined
<b>pH</b>	Not determined
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined
<b>Dynamic:</b>	Not determined
<b>Solubility</b>	
<b>water:</b>	Not determined
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined
<b>Vapour pressure:</b>	Not determined
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	1.1-1.25 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined
<b>Vapour density</b>	Not determined

**9.2 Other information**

**Appearance:**

**Form:** Melted

**Important information on protection of health and environment, and on safety.**

**Ignition temperature:**

**Explosive properties:** Product is not selfigniting.  
Extreme risk of explosion by shock, friction, fire or other sources of ignition.  
Explosion temperature 220 °C

**Change in condition**

**Fusion temperature / range:** Not applicable

**Oxidising properties** Not oxidising

**Evaporation rate** Not determined

**Information with regard to physical hazard classes**

<b>Explosives</b>	Explosive; mass explosion hazard.
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void

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Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product contains oxidative substances and can reignite the burning of flammable materials.

**10.2 Chemical stability** Material is stable under normal conditions.

### Thermal decomposition / conditions to be avoided

To avoid thermal decomposition do not overheat.

Stable at environment temperature.

### 10.3 Possibility of hazardous reactions

Heat, flame, Shocks and electrostatic discharge may cause an explosion.

### 10.4 Conditions to avoid

Avoid heat, sparks, flames and other sources of ignition. May detonate if heated strongly or exposed to severe shock and electrostatic discharge. Temperatures higher than 65 °C.

**10.5 Incompatible materials** Incompatible with acids, alkalis, oxidizing agents and reducing agents.

### 10.6 Hazardous decomposition products

When decomposed by heating this product releases carbon/ nitrogen oxides, ammonia.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Acute toxicity** Based on available data, the classification criteria are not met.

#### LD/LC50 values relevant for classification:

##### CAS: 6484-52-2 ammonium nitrate

Oral	LD50	2.950 mg/kg (rat) (OECD 401)
Dermal	LD50	>5,000 mg/kg (rat) (OECD 402)
Inhalative	LC50(4h)	>88.8 mg/L (rat)

##### CAS: 7631-99-4 Sodium nitrate

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>5.000 mg/kg (rat)

#### Specific symptoms in biological assay:

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Causes serious eye irritation.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

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**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Additional toxicological information:**

**Repeated dose toxicity** Based on available data, the classification criteria are not met.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

The product does not contain substances included in the list established in accordance with Article 59(1) of REACH for endocrine disrupting properties or has not been identified as having endocrine disrupting properties according to the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or higher than 0.1%.

None of the ingredients is listed.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity:

##### CAS: 6484-52-2 ammonium nitrate

LC50(96h)	95-102 mg/l (Cyprinus Carpio)
EC50 (48h)	447 mg/l (freshwater algae)
	490 mg/l (freshwater invertebrates)
EC50(10d)	>1,700 mg/l (alf)
EC50(7d)	555 mg/l (freshwater invertebrates)

##### CAS: 7631-99-4 Sodium nitrate

EC50	>100 mg/l (algae)
LC50	>100 mg/l (Invertebrate)
	>100 mg/l (fish)
NOEC (21d)	>100 mg/l (algae)
	58 mg/l (rat)

**12.2 Persistence and degradability** No further relevant information available.

### 12.3 Bioaccumulative potential

(CAS: 6484-52-2) Ammonium nitrate

Log Pow: -3.1

Potential: Very low

**12.4 Mobility in soil** No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

The product does not contain ingredients that are considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative at levels of 0.1% or higher according to REACH, Annex XIII.

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 12.6 Endocrine disrupting properties

The product does not contain substances included in the list established in accordance with Article 59(1) of REACH for endocrine disrupting properties or has not been identified as having endocrine disrupting properties according to the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or higher than 0.1%.

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**12.7 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Recommendation



Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

The destruction of explosives must be carried out by qualified personnel. Procedures approved by the competent authorities should be followed. Consult the manufacturer and/or distributor.

Do not dispose of in sewers or water. Residues and empty containers must be managed and disposed of in accordance with applicable local/national legislation.

Follow the provisions of Directive 2008/98/EC on waste management.

Contact manufacturer for recycling information.

#### European waste catalogue

HP1	Explosive
HP4	Irritant - skin irritation and eye damage

#### Uncleaned packaging:

##### Recommendation:

Residues and empty containers must be managed and disposed of in accordance with applicable local/national legislation.

Disposal must be made according to official regulations.

### SECTION 14: Transport information

#### 14.1 UN number or ID number

ADR, IMDG, IATA

UN0241

#### 14.2 UN proper shipping name

ADR

UN0241 EXPLOSIVE, BLASTING, TYPE E

IMDG, IATA

EXPLOSIVE, BLASTING, TYPE E

#### 14.3 Transport hazard class(es)

ADR



Class

1 Explosive substances and articles.

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<b>Label</b>	1.1D
<b>IMDG, IATA</b>	
	
<b>Class</b>	1.1 Explosive substances and articles.
<b>Label</b>	1.1D
<b>14.4 Packing group</b> <b>ADR, IMDG, IATA</b>	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Warning: Explosive substances and articles.
<b>Hazard identification number (Kemler code):</b>	1.1D
<b>EMS Number:</b>	-
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>Transport/Additional information:</b>	
<b>ADR</b>	
<b>Limited quantities (LQ)</b>	0
<b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity
<b>Transport category</b>	1
<b>Tunnel restriction code</b>	B1000C
<b>IMDG</b>	
<b>Limited quantities (LQ)</b>	0
<b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity
<b>UN "Model Regulation":</b>	UN 0241 EXPLOSIVE, BLASTING, TYPE E, 1.1D

## SECTION 15: Regulatory information

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

REACH Regulation 1907/2006/EC

Regulation (EU) 2020/878

CLP Regulation 1272/2008/EC

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Council Directive 94/33/EC on the protection of young people at work, as ammended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as ammended

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**Directive 2012/18/EU**
**Named dangerous substances - ANNEX I** The substance is not included in Annex I.

**Seveso category** P1a EXPLOSIVES

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 10 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 50 t

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 65

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148**
**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

CAS: 6484-52-2	ammonium nitrate	Limit value: >45,7 %, No licensing permitted	50-100%
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**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

CAS: 7631-99-4	Sodium nitrate
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**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**National regulations:** None

**Other regulations, limitations and prohibitive regulations**
**Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H272 May intensify fire; oxidiser.

H319 Causes serious eye irritation.

**Training hints**

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

**Classification according to Regulation (EC) No 1272/2008**

Explosives	On basis of test data
Serious eye damage/irritation	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

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**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

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**Trade name: EXPLOGEL 200**

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**Department issuing SDS:**

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**Version number of previous version: 4****Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
Expl. 1.1: Explosives – Division 1.1  
Ox. Sol. 3: Oxidizing solids – Category 3  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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