

Safety Data Sheet

In accordance with Commission Regulation (EU) No 2015/830



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Revision: 4

NGREEN Nitrogen solution

SECTION 1		Identification of the substance/mixture and of the company/undertaking
1.1	Product identifier	
	Trade name	NGREEN Nitrogen solution
	Synonimes	Nitrogen solution 30%; Nitrogen solution N (Mg, S) 30 (0.6, 2.6)
	Code	FDS-013
	Chemical name	-
	Chemical formula	-
	Index Number	Not applicable.
	EINECS Number	Not applicable
	CAS Number	Not applicable.
	Registration Number	It is a mixture and therefore has no registration number.
1.2	Relevant identified uses of the substance or mixture and uses advised against	
	Application of the substance / the mixture	Fertiliser
	Uses advised against	Others than those indicated.
1.3	Details of the supplier of the safety data sheet	Fertiberia, S.A. 27, Agustín de Foxa Street pta. 11 28036 Madrid Madrid (Spain) +34 91.586.62.00; fdsinfo@grupofertiberia.com
1.4	Emergency telephone number	Puertollano factory: +34 926.44.93.00 (Only available during office hours; Monday-Friday; 09:00-18:00)
SECTION 2		Hazards identification
2.1	Classification of the substance or mixture according Regulation (EC) n° 1272/2008 (CLP)	Eye Irrit. 2 H319 Causes serious eye irritation.
2.2	Label elements	

NGREEN Nitrogen solution

	Hazard pictograms	
	Signal word	Warning
	Hazard-determining components of labelling	Not applicable.
	Hazard statements	H319 Causes serious eye irritation.
	Precautionary statements	P102 Keep out of reach of children. P270 Do not eat, drink or smoke when using this product. P264 Wash thoroughly after handling. P280 Wear 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.
	Additional information	Acquisition, possession or use by private individuals is subject to notification.
	Supplemental information on the label	Not applicable.
	Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Not applicable.
	Special packaging requirements	Not applicable.
	Containers to be fitted with child-resistant fastenings	Not applicable.
	Tactile hazard warning	Not applicable.
2.3	Other hazards	
	Other hazards which do not result in classification	None known.
	Results of the PBT and vPvB assessment	Not applicable.
SECTION 3	Composition/information on ingredients	

NGREEN Nitrogen solution

3.1	Substances					
	Not applicable.					
3.2	Mixtures					
	Name	CE number	CAS number	Registration number	%(P/P)	Classification Regulation CE N° 1272/2008
	Ammonium nitrate	229-347-8	6484-52-2	-	40,00%	Ox. Sol. 3 H272; Eye Irrit. 2 H319
	Magnesium nitrate	233-826-7	10377-60-3	-	6,00%	Ox. Sol. 2 H272
	Additional indications	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	Provide medical assistance to those affected. People who dispense first aid are advised to wear personal protective equipment. There may be delayed effects on exposure.				
	Inhalation	Remove from exposure. In severe cases, or if recovery is not rapid or complete, seek medical attention.				
	Ingestion	Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been ingested and the exposed person is conscious, give small amounts of water to drink. Stop if the exposed person feels unwell, as vomiting may be dangerous. Do not induce vomiting unless instructed to do so by medical personnel. If vomiting occurs, keep the head down so that vomit does not enter the lungs. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Keep airway open. Loosen tight clothing, such as collar, tie, belt or waistband.				
	Skin contact	Rinse with plenty of water. Remove contaminated clothing and wash before reuse. If irritation persists, seek medical attention.				
	Eye contact	Flush eyes with water for at least 15 minutes. Avoid the affected rub or close the eyes. In the case of the injured person uses contact lenses, they should be removed when they are not stuck in the eyes, otherwise further damage may occur. In all cases, after washing, seek medical advise as quickly as possible with the SDS of the product.				
4.2	Most important symptoms and effects, both acute and delayed					
	Eye contact	Causes eye irritation. This irritation may cause redness and swelling of the eyes.				

NGREEN Nitrogen solution

	Inhalation	No known significant effects or critical hazards.
	Skin contact	Skin irritation and skin sensitisation.
	Ingestion	For ammonium salts in general: symptoms of local irritation, nausea, vomiting, diarrhoea. Systemic effect: after ingestion of very large quantities: drop in blood pressure, collapse, CNS disorders, spasms, narcotic states, respiratory paralysis, haemolysis. Gastrointestinal disturbances, blood disorders, methaemoglobinaemia with headache, cardiac arrhythmia, drop in blood pressure, dyspnoea and spasms, key symptom: cyanosis (blue colour of blood).

4.3	Indication of any immediate medical attention and special treatment needed	
	No action involving personal risk or without adequate training should be taken. Avoid direct mouth-to-mouth resuscitation, as it can be dangerous for the person providing the help. Use other methods for resuscitation, preferably oxygen or compressed air equipment. Treat according to the following indications:	
	Notes to physician	Treat symptomatically.
	Specific treatments	There is not an specific treatment.

SECTION 5 Firefighting measures

5.1	Extinguishing media	
	The product is not flammable.	
	Suitable extinguishing agents	Fire-extinguishing powder Dry sand
	Unsuitable extinguishing agents for safety reasons	None.
5.2	Special hazards arising from the substance or mixture	
	Formation of toxic gases is possible during heating or in case of fire.	
	Hazardous thermal decomposition products	Nitrogen oxides, nitrous gases, ammonia.

5.3	Advice for firefighters	
	Open warehouse doors and windows for maximum ventilation. Fire-fighting personnel should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face mask operating in positive pressure mode. Clothing for fire-fighting personnel (including helmets, protective boots) should conform to European standard EN 469 and gloves to EN 659. It should provide a basic level of protection for chemical incidents and should be fire resistant. The facility shall have sufficient protective equipment available to deal with fires.	

SECTION 6 Accidental release measures

6.1	Personal precautions, protective equipment and emergency procedures	
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NGREEN Nitrogen solution

	Wear protective clothing.	
	For non-emergency personnel	
	<p>Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing. In case of non-flammable spills and leaks, wear vapor protective clothing. Stop leak if you can do so without risk. Keep unnecessary persons away, isolate the danger area and prevent entry. Eliminate sources of combustion.</p> <p>Keep upwind, out of low areas and ventilate confined spaces before entering. Assess the affected area to determine if evacuation is necessary. If it is necessary to evacuate the danger zone, you should follow the advice of an expert. If sheltering in place, tape windows and doors, close outside air intakes (attic fans, etc.) and place a damp towel or cloth over your face (if necessary).</p>	
	For emergency responders	
	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.	
6.2	Environmental precautions	
	In case of accidental spills and leaks avoid dispersal of spilled material, runoff and contact with soil, watercourses (surface and groundwater), drains and sewers. Inform the competent authorities if the product has caused adverse impacts (sewers, watercourses, soil or air).	
6.3	Methods and material for containment and cleaning up	
	In case of accidental spills and leaks, avoid dispersal of spilled material. Use water spray or foam to control vapors. Make a protective barrier and ensure closure of drains with suitable containment material. Absorb with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep and shovel into suitable containers for disposal.	
6.4	Reference to other sections	
	See Section 1 for information on contact in case of emergency. 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	
	Technical precautionary measures	<p>Wear appropriate personal protective equipment. Avoid contact with eyes, skin or clothing. Do not breathe vapors or mist. Do not ingest.</p> <p>Avoid release to the environment. Keep in original container or approved alternative made of a compatible material, kept tightly closed when not in use. Empty containers retain product residues and may be hazardous. Do not reuse container. Avoid handling incompatible substances, see section 7.2. and 10.</p>

NGREEN Nitrogen solution

	Advice on general occupational hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.	
7.2	Conditions for safe storage, including any incompatibilities		
	Avoid contact and packaging with incompatible substances or mixtures. See section 10; Avoid proximity to potential sources of ignition (including electrical equipment); Store in a place that avoids adverse weather conditions (high temperatures); Avoid direct sunlight; Ensure good ventilation of the storage area. Ensure that the quantities that can be stored are not exceeded. See section 15.		
7.3	Specific end use(s)		
	Use only as described in section 1.2.		
SECTION 8	Exposure controls/personal protection		
8.1	Control parameters		
	Occupational exposure limits	There is no limit of occupational exposure value.	
	Recommended monitoring procedures	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of ventilation or other control measures and/or the need to use respiratory protective equipment. Monitoring standards such as the following may be used as reference: European Standard EN 689 (Atmospheres in the workplace. Guidelines for the evaluation of inhalation exposure of chemical agents for comparison with limit values and measurement strategy), European Standard EN 14042 (atmospheres in the workplace. Guidelines for the application and use of procedures to assess exposure to chemical and biological agents) European Standard EN 482 (atmospheres in the workplace. General requirements for the performance of procedures for measuring chemical agents). National guidance documents on methods for the determination of hazardous substances should also be used as a reference.	
	Derived effect levels	No DELs available.	
	Predicted effect concentrations	No PECs available.	
	Ingredients with limit values that require monitoring at the workplace	The product does not contain relevant quantities of substances with limit values that require workplace monitoring.	
DNEL			
	Substance	6484-52-2	10377-60-3
		Ammonium nitrate	Magnesium nitrate

NGREEN Nitrogen solution

Industrial/Professional worker	Inhalation (mg/m³)	Long-term	Systemic	36 mg/m ³	No hazard has been identified but no further information is needed as no exposure is expected to occur.
			Local	No hazard has been identified	No hazard has been identified
		Short-term	Systemic	Hazards are unknown but no further information is needed as no exposure to the substance is expected to occur	No hazard has been identified but no further information is needed as no exposure is expected to occur.
			Local	Hazards are unknown but no further information is needed as no exposure to the substance is expected to occur	No hazard has been identified
	Dermal (mg/kg pc/día)	Long-term	Systemic	5,12 mg/kg bw/d	No hazard has been identified
			Local	No hazard has been identified	No hazard has been identified
		Short-term	Systemic	No hazard has been identified	No hazard has been identified
			Local	No hazard has been identified	No hazard has been identified
	Ocular (mg/kg pc/día)	Long-term	Systemic	Low risk (no threshold was derived)	Not available
			Local	Low risk (no threshold was derived)	Not available
		Short-term	Systemic	Low risk (no threshold was derived)	No hazard has been identified
			Local	Low risk (no threshold was derived)	No hazard has been identified
	Inhalation (mg/m³)	Long-term	Systemic	8,9 mg/m ³	No hazard has been identified but no further information is needed as no exposure is expected to occur.
			Local	No hazard has been identified	No hazard has been identified

NGREEN Nitrogen solution

Consumer		Short-term	Systemic	No hazard has been identified	No hazard has been identified	
			Local	No hazard has been identified	No hazard has been identified	
	Dermal (mg/kg pc/day)	Long-term	Systemic	2,56 mg/kg bw/d	No hazard has been identified	
			Local	No hazard has been identified	No hazard has been identified	
		Short-term	Systemic	No hazard has been identified	No hazard has been identified	
			Local	No hazard has been identified	No hazard has been identified	
	Oral (mg/kg pc/day)	Long-term	Systemic	2,56 mg/kg bw/d	No hazard has been identified	
			Local	No hazard has been identified	No hazard has been identified	
		Short-term	Systemic	No hazard has been identified	Not available	
			Local	No hazard has been identified	Not available	
	Ocular (mg/kg pc/day)	Long-term	Systemic	Not available	Not available	
			Local	Not available	Not available	
		Short-term	Systemic	Low risk (no threshold was derived)	No hazard has been identified	
			Local	Low risk (no threshold was derived)	No hazard has been identified	
	PNEC					
	Substance				6484-52-2	10377-60-3
					Ammonium nitrate	Magnesium nitrate
	Fresh water (mg/L)				No hazard has been identified	No hazard has been identified
Salt water (mg/L)				No hazard has been identified	No hazard has been identified	

NGREEN Nitrogen solution

STP (mg/L)	18 mg/L	18 mg/L
Fresh water sediment (mg/L)	No hazard has been identified	No hazard has been identified
Salt water sediment (mg/L)	No hazard has been identified	No hazard has been identified
Air (mg/L)	No hazard has been identified	No hazard has been identified
Soil (mg/L)	No hazard has been identified	No hazard has been identified
Predators (secondary poisoning) (mg/L)	The substance has no bioaccumulation potential	The substance has no bioaccumulation potential
Components with biological limit values	Non-existent.	
Additional indications	The Occupational exposure limits lists valid during the making were used as basis.	

8.2

Exposure controls		
Appropriate engineering controls	<ul style="list-style-type: none"> - Ensure adequate ventilation. - Apply technical measures to comply with professional exposure limits. - Consult the protective measures listed in sections 7 and 8. 	
Personal protective measures, such as personal protective equipment	General protection and hygiene measures	<p>Wash completely the hands, forearms and face after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.</p> <p>Use the appropriate techniques to remove the contaminated clothes. Wash the contaminated clothes before reusing. Verify that the eyes washing stations and safety showers were near to working stations.</p>
	Respiratory protection	<p>Required when dusts are generated.</p> <p>Recommended Filter type: Filter P2 for solid and liquid particles of harmful substances.</p>
	Hand protection	Wear suitable gloves (e.g. rubber or PVC) when handling the product for long periods of time.
	Glove material	Rubber gloves PVC gloves
	Other	Use personal protective equipment during use and handling of the product.

NGREEN Nitrogen solution

	Equipment		
		Eye/face protection	Safety eyewear complying with an approved standard EN 166:2002 should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, use the following protection, unless the assessment indicates a higher degree of protection: safety glasses with side shields. Recommended: Eyewear, mask or other protection that covers the entire face must be used if there is a possibility of being exposed to aerosols or splashes, or if hot material is handled.
		Thermal hazards	Not available.
	Environmental exposure controls		General ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.
SECTION 9	Physical and chemical properties		
9.1	Information on basic physical and chemical properties		
	Appearance		Liquid
	Colour		Green
	Odour		Odourless
	Odour threshold		Not available.
	pH		7-8
	Melting point/freezing point		Not available.
	Initial boiling point and boiling range		124 ° C
	Flash point		Not applicable due to physico-chemical characteristics
	Evaporation rate		Not available
	Flammability		Non-flammable
	Upper/lower flammability or explosive limits		
	Lower		Not available.
	Upper		Not available.
	Vapour pressure		Not applicable due to physico-chemical characteristics
	Vapour density		Not available.
	Relative density	at 20 ° C	1.32
	Solubility		
	In water		Fully miscible.
	Partition coefficient: n-octanol/water		Not applicable due to physico-chemical characteristics
	Auto-ignition temperature		Not available.

NGREEN Nitrogen solution

	Decomposition temperature	Not determined.
	Viscosity	
	Kinematic	Not available
	Dynamic	Not available
	Explosive properties	The product is not explosive
	Oxidising properties	Not available
9.2	Other information	No additional information No further relevant information available.
SECTION 10 Stability and reactivity		
10.1	Reactivity	Stable under recommended storage conditions.
10.2	Chemical stability	Chemically stable under the indicated storage, handling and use conditions.
10.3	Possibility of hazardous reactions	When ammonium thiosulphate is heated it produces ammonia. If heated to dryness it will produce ammonia, ammonium sulphate, sulphur and sulphur oxides. Ammonia (16-25 %) and air may produce flammable mixtures. Under normal conditions of storage and use, no hazardous reactions occur. Ammonium nitrate solutions react with organic materials (e.g. wood, paper, oils, fats) and sometimes after several days react violently with zinc and its alloys. Strongly heated urea decomposes emitting ammonia. Urea reacts with sodium or calcium hypochlorite to form nitrogen trichloride which is explosive.
10.4	Conditions to avoid	High temperatures and physical damage. Adding or mixing with acids. Being in the vicinity of sources of heat or fire. Reduce temperatures to the point of crystallisation. If welding work is carried out on equipment and/or containers, do not use with the product until they are completely clean.
10.5	Incompatible materials	Strong oxidisers such as nitrates, nitrites and chlorates can produce explosive mixtures if heated to dryness. Acidic substances will produce sulphur dioxide emissions which are extremely hazardous to respiration. Alkalis accelerate the formation of ammonia. Ammonium thiosulphate solutions are not compatible with copper, zinc or their alloys (e.g. bronze, brass, galvanised metals, etc.). Handling and storage systems for this product must not be made of these materials, combustible materials, acids, alkalis, water solutions, sulphur, chlorates, nitrites, metal powders and substances containing copper, nickel, zinc and their alloys.
10.6	Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. - Nitrogen oxides (NO _x), ammonia and SO ₂ .
SECTION 11 Toxicological information		
11.1	Information on toxicological effects	

NGREEN Nitrogen solution

Acute toxicity					
Component	CAS number	Method	Species	Route	Result
Ammonium nitrate	6484-52-2	Not specified	Rat Mouse	Oral Subcutaneous Intravenous	DL50 = 14,3-15 g/kg bw (Rat) 11,5-13 g/kg bw (Mouse) DL50 = 8,2-9,4 g/kg bw (Rat) 9,2-10,7 g/kg bw (Mouse) DL50 = 5,3-5,4 g/kg bw (Rat) 4,6-5,2 g/kg bw (Mouse)
Magnesium nitrate	10377-60-3	OECD 423 Not specified	Rat Rat	Oral Cutaneous	DL50 > 2000 mg/kg bw. DL50 > 5000 mg/kg bw.
Based on available data, the classification criteria are not met.					
Skin corrosion/irritation					
Component	CAS number	Method	Species	Route	Result
Ammonium nitrate	6484-52-2	OECD 404	Rabbit	Cutaneous	Non irritant
Magnesium nitrate	10377-60-3	OECD 404	Rabbit	Cutaneous	Non irritant
Based on available data, the classification criteria are not met.					
Serious eye damage/irritation					
Component	CAS number	Method	Species	Route	Result
Ammonium nitrate	6484-52-2	OECD 405	Rabbit	Ocular	Slightly irritant
Magnesium nitrate	10377-60-3	OECD 405	Rabbit	Ocular	Non irritant
Causes serious eye irritation.					
Respiratory or skin sensitisation					
Component	CAS number	Method	Species	Route	Result
Ammonium nitrate	6484-52-2	-	-	-	There are no available studies
Magnesium nitrate	10377-60-3	OECD 429	Mouse	Cutaneous	Non sensitising
Based on available data, the classification criteria are not met.					
Germ cell mutagenicity					
Component	CAS number	Method	Species	Result	
Ammonium nitrate	6484-52-2	OECD 473 OECD 476	Bacteria Cromosomal aberration Mutation of mammal cells	Non mutagenic	
Magnesium nitrate	10377-60-3	OECD 471 OECD 473 OECD 476	Bacteria Cromosomal aberration Mutation of mammal cells	Non mutagenic	

NGREEN Nitrogen solution

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

Carcinogenicity

Component	CAS number	Method	Species	Route	Result
Ammonium nitrate	6484-52-2	NCI - screening tests	Rat Mouse	Oral	There is no evidence that the substance is carcinogenic.
Magnesium nitrate	10377-60-3	-	-	-	Not available

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

Reproductive toxicity

Component	CAS number	Method	Species	Route	Result
Ammonium nitrate	6484-52-2	Not specified	Rat	Oral	Data conclusive but not sufficient for classification. -Effects on fertility : There are no effects on fertility . -Toxicity for the development: NOAEL > 1000 mg urea/kg bw/d. Exposure to urea is highly unlikely to have negative developmental effects.
Magnesium nitrate	10377-60-3		Rat	Oral	Effects on fertility: NOAEL >= 1500 mg/kg bw/d. Toxicity for the development: NOAEL >= 1500 mg/kg bw/d

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

STOT- single exposure

Component	CAS number	Method	Species	Route	Result
Ammonium nitrate	6484-52-2	Not available	Not available	Not available	Not available
Magnesium nitrate	10377-60-3	Not available	Not available	Not available	Not available

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

STOT-repeated exposure

Component	CAS number	Method	Species	Route	Result
Ammonium nitrate	6484-52-2	Not specified	Rat Mouse	Oral	NOAEL: 2250 mg/kg bw/d (Rat) NOAEL: 6750 mg/kg bw/d (Mouse) It is concluded that urea has a very low chronic toxicity.

NGREEN Nitrogen solution

	Magnesium nitrate	10377-60-3	OECD 422	Rat	Oral	NOAEL >= 1500 mg/kg bw/d
Based on available data, the classification criteria are not met.						
Aspiration hazard						
	Component	CAS number	Result			
	Ammonium nitrate	6484-52-2	No significant effects or critical hazards are known..			
	Magnesium nitrate	10377-60-3	No significant effects or critical hazards are known.			
Based on available data, the classification criteria are not met.						
SECTION 12	Ecological information					
12.1	Toxicity					
	Aquatic toxicity					
	Component	N° CAS		Fish	Crustacea	Algae
	Ammonium nitrate	6484-52-2	Short term	CL50 (48h): 447 mg/L (Cyrpinus carpio)	Not necessary	CE50 (48h): 490 mg/L
			Long term	CE50 (7d): 555 mg/L	CE50: 1700 mg/l	NOEC/CE10: 1700 mg/L
	Magnesium nitrate	10377-60-3	Short term	CL50(96h) > 100 mg/l	NOEC: 157 mg/l	CE50(48h): 490 mg/l
			Long term	Not available	CE50(72h): 1700 mg/l	CE10/NOEC: 1700 mg/l
	Terrestrial toxicity					
	Component	N° CAS	Macro-organism	Micro-organism	Terrestrial plants	Other organisms
	Ammonium nitrate	6484-52-2	Not available	Not available	Not available	-
	Magnesium nitrate	10377-60-3	Not available	Not available	Not available	-
	Microbiological activity in wastewater treatment plants					
	Component	N° CAS	Toxicity to aquatic micro-organisms			
	Ammonium nitrate	6484-52-2	CE50: 1000 mg/l CE10/NOEC: 180 mg/l			
	Magnesium nitrate	10377-60-3	CE50 > 1000 mg/l NOEC: 180 mg/l			
12.2	Persistence and degradability					
	Component	N° CAS	Degradation			
	Ammonium nitrate	6484-52-2	Hydrolysis	Hydrolysis is not seen. It is not necessary.		
			Photolysis	Not necessary		
			Biodegradation	Not necessary		
	Magnesium nitrate		Hydrolysis	Hydrolysis is not seen. It is not necessary.		
			Photolysis	Not available.		

NGREEN Nitrogen solution

	Magnesium nitrate	10377-60-3	Biodegradation	According to Annex VII of REACH, It is not necessary to carry out biodegradability studies since the substance is inorganic.	
12.3	Bioaccumulative potential				
	Component	N° CAS	Octanol-water partition coefficient (Kow)	Bioaccumulation factor (BFC)	Observations
	Ammonium nitrate	6484-52-2	Not applicable. Inorganic substance.	-	-
	Magnesium nitrate	10377-60-3	-	-	Simple inorganic salts with high solubility in water exist dissociated in an aqueous solution. This type of substance has a low bioaccumulation potential.
12.4	Mobility in soil				
	Component	N° CAS	Result		
	Ammonium nitrate	6484-52-2	Being an inorganic substance it has a low adsorption potential.		
	Magnesium nitrate	10377-60-3	Simple inorganic salts have a high solubility in water and exist dissociated in aqueous solution. This type of substance has a low adsorption potential.		
12.5	Results of PBT and vPvB assessment				
	Not applicable.				
12.6	Other adverse effects				
	Significative effects or critical risks are not known.				
SECTION 13	Disposal considerations				
13.1	Waste treatment methods				
	Methods of disposal	<p>Waste management (disposal and recovery) :</p> <p>Consult the authorised waste manager for recovery and disposal operations, in accordance with Annex 1 and Annex 2 (Directive 2018/851/EC, Law 7/2022 of 8 April, on waste and contaminated soil for a circular economy)..</p> <p>Packaging: According to codes 15 01 (Commission Decision 2014/955/EU), if the packaging has been in direct contact with the product, it should be treated in the same way as the product itself, otherwise it should be treated as non-hazardous waste. Discharge into waste water is not recommended. See section 6.2.</p> <p>Waste management provisions :</p> <p>In accordance with Annex II of Regulation (EC) No 1907/2006 (UK REACH), the Community or national provisions on waste management are presented.</p> <p>Community legislation: Directive 2018/851/EC, Commission Decision 2014/955/EU, Regulation (EU) no. 1357/2014 and the national legislation.</p>			
	Hazardous waste code	HP4: Irritant - skin irritation and eye damage			
SECTION 14	Transport information				
	Regulatory information	ADR/RID	ADNR	IMDG	IATA
14.1	UN number	-			
14.2	UN proper shipping name	-			

NGREEN Nitrogen solution

14.3	Transport hazard class(es)		
	Class	-	-
	Label	Not applicable	Not applicable
14.4	Packing group	-	
14.5	Environmental hazards	Product not classified as hazardous to the aquatic environment.	
14.6	Special precautions for user	Not defined. See the relevant information, such as handling, in other sections of this document.	
14.7	Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.	
SECTION 15	Regulatory information		
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture		
	GB Regulation (EC) No 1907/2006 (REACH)	This product complies with the UK REACH Regulation.	
	Named dangerous substances - ANNEX VI (CLP)	None substance listed.	
	SEVESO Category	Not applicable.	
	Qualifying quantity (tonnes) for the application of lower-tier requirements	Not applicable.	
	Qualifying quantity (tonnes) for the application of upper-tier requirements	Not applicable.	
	Regulation (EC) No 1907/2006 - ANNEX XVII	Not applicable.	
15.2	Chemical safety assessment		
	A chemical safety assessment has not been carried out since it is a mixture (exempt from registration).		
SECTION 16	Other information		
	Relevant phrases	H272 May intensify fire; oxidiser. H319 Causes serious eye irritation.	

NGREEN Nitrogen solution

	<p>Abbreviations and acronyms</p>	<p>ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road). STP: Sewage treatment plant. OECD: Organisation for Economic Co-operation and Development. NOAEL: No observed adverse effect level.. IMDG: International Maritime Code for Dangerous Goods. IATA: International Air Transport Association. GHS: Globally Harmonised System of Classification and Labelling of Chemicals. CAS: Chemical Abstracts Service (division of the American Chemical Society). DNEL: Derived No-Effect Level (UK REACH). PNEC: Predicted No-Effect Concentration (UK REACH). Ox. Sol. 3: Oxidizing solids – Category 3 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2</p>
	<p>Data compared to the previous version altered</p>	<p>Addition of P phrases.</p>
	<p>References</p>	<p>This safety data sheet has been prepared in accordance with:</p> <ul style="list-style-type: none"> - ANNEX II: Guidance for the preparation of Safety Data Sheets of Regulation (EC) No 1907/2006 (Regulation (EU) 2020/878) based on the data included in the chemical safety report of registered substances. - Guidance available on the European Chemicals Agency (ECHA) website: (http://echa.europa.eu/). - Guidance for the compilation of safety data sheets for fertilizer materials (www.fertilizerseurope.com).
	<p>Methods used for the classification of the mixture (Article 9 of Regulation (EC) No 1272/2008)</p>	<p>Classification and Labeling in accordance with the principle of extrapolation of Regulation No. 1272/2008 (CLP).</p>
	<p>Advice on any training appropriate for workers to ensure protection of human health and the environment</p>	<p>Minimum training in the prevention of occupational hazards is recommended for personnel who will handle this product, in order to facilitate the understanding and interpretation of this safety data sheet, as well as the product label.</p>

The information contained in this safety data sheet is provided in good faith and its accuracy is based on knowledge of the product at the time of publication. The information presented is only intended to describe the product from the point of view of human and environmental protection and safety, and therefore cannot be regarded as product specifications. It does not imply acceptance of any commitment or legal responsibility on the part of the Company, for the consequences of its use or misuse in any circumstances. The information provided is considered accurate and current at the time of this edition, referring only to the product and may not be valid in compositions or formulations with other products. The responsibility for its use belongs to the users.