



SAFETY DATA SHEET

NPK FERTILIZER WITH AMMONIUM NITRATE

CODE: DS – 003-I
EDIÇÃO: 7
DATA: 19-01-2017
PÁGINA: 1/9

Section 1 - IDENTIFICATION OF THE SUBSTANCE AND COMPANY

1.1 Product identifier

Designation	NPK, NP, NK FERTILIZER with low content in ammonium nitrate ($\leq 45\%$) EC FERTILIZER
Trade name	AMICOTE, AMPOR, BIOTERRA, FOSFONITRO, FOSKAMÓNIO, NERGETIC, NITROMAX
Commonly used synonyms	Compound or Complex Fertilizer
EU index number (Annex 1)	Not applicable
CAS number	Not applicable
EC number	Not applicable
REACH registration number	Not applicable

1.2 Relevant identified uses of the mixture and uses advised against

Use of the substance/mixture: Fertilizer.

Uses advised against: Others not identified.

1.3 Details of the supplier of the safety data sheet

COMPANY: ADP – Fertilizantes, S.A.
ADRESS: Estrada Nacional nº 10
 2615-907 Alverca
 Portugal

☎ (00351) 210 300 400
Fax: (00351) 210 300 500
e-mail: msds@adp-fertilizantes.pt

1.4 Emergency calls

SOPAC – Sociedade Produtora de Adubos Compostos S.A..
 Nacional number for emergency
 INEM

☎ (00351) 265 030 496
☎ 112
☎ 808 250 143

Section 2 - HAZARDS IDENTIFICATION

2.1 Classification

Classification in accordance with Regulation 1272/2008 (CLP)

- Non-hazardous

2.2 Label elements in accordance with Regulation 1272/2008 (CLP)

- Not applicable

2.3 Other hazards which do not result in classification

2.3.1 PBT/vPvB criteria

According to Annex XIII of Regulation (EC) 1907/2006, no PBT and vPvB since ammonium nitrate is inorganic.

2.3.2 Physical and chemical hazards

The fertilizer is not itself combustible but it can support combustion, even in the absence of air. On heating it melts and further heating can cause decomposition, releasing toxic fumes containing nitrogen oxides and ammonia. It has high resistance to detonation. Heating under strong confinement can lead to explosive behaviour.

2.3.3 Health hazards

The fertilizers are basically harmless products when handled correctly. However, the following points should be noted:

Skin contact: Prolonged or repeated contact may cause discomfort.

Eye contact: Prolonged or repeated contact may cause some irritation.

Ingestion: Small quantities are unlikely to cause toxic effect. Large quantities may give rise to gastro-intestinal disorders and, in extreme cases (particularly in very young), formation of methaemoglobin ("blue baby" syndrome) and cyanosis (indicated by blueness around the mouth) may occur.

Inhalation: High dust concentrations of airborne material may cause irritation of the nose and upper respiratory tract with symptoms such as sore throat and coughing.

Long term effect: No adverse effects are known.

2.3.4 Environmental hazards

The product is a nitrogen and phosphates fertilizer. Heavy spillage may cause adverse environmental impact such as eutrophication in confined surface waters or nitrate contamination. See Section 12.

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

According to REACH Regulation the product is a mixture.

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Chemical Name	REACH Nº	CAS Nº	EC Nº	% (p/p)	Classification
					Regulation (CE) nº 1272/2008
Ammonium Nitrate	01-2119490981-27-0039	6484-52-2	229-347-8	≤45%	H272; H319
Superphosphate	01-2119488967-11-0000	8011-76-5	232-379-5	30 – 90	H318
Triple Superphosphate	01-2119493057-33-0005	65996-95-4	266-030-3		H318
Ammonium Sulphate	01-2119455044-46	7783-20-2	231-984-1		Not classified
Monoammonium Phosphate	01-2119488166-29	7722-76-1	231-764-5		Not classified
Diammonium phosphate	01-2119490974-22	7783-28-0	231-987-8		Not classified
Potassium Chloride	Not applicable	7447-40-7	231-211-8		Not classified
Potassium Sulphate	01-2119489441-34	7778-80-5	231-915-5		Not classified
Additives, coatings ⁽¹⁾	Not applicable			0 – 5	Not classified

(1) Other substances can be added in amounts that do not affect the classification of the product: Zinc sulphate (CAS: 7446-19-7) and copper sulfate (CAS: 7758-98-7) in quantities less than 0.25% Borax anhydrous (CAS: 1330-43-4) and borax pentahydrate (CAS: 12179-03-3) at less than 4.5% and 6.5%, respectively and other colorants and additives that do not contribute to the classification of the product. See section 16 for the complete text of H-codes of the Hazard statements.

Section 4 - FIRST AID MEASURES

4.1 Description of first aid measures

General: Seek medical attention when necessary.

Skin contact: Wash the affected area with water.

Eye contact: Flush/irrigate eyes with copious amounts of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Obtain medical attention if symptoms persist.

Ingestion: Do not induce vomiting. Rinse mouth and then give water to drink. Obtain medical attention if more than a small quantity has been swallowed.

Inhalation: Remove from source of exposure to dusts. Obtain medical attention if ill effects occur.

4.2 Most important symptoms and effects, both acute and delayed

Effects on lung function may be delayed.

4.3 Note to physician

Inhalation of fire and thermal decomposition gases, containing oxides of nitrogen and ammonia, can cause irritation and corrosive effects on the respiratory system. Give oxygen, especially if there is blueness around the mouth. Following exposure to toxic fumes or gases of thermal decomposition, the victim must remain under medical supervision for at least 48 hours, to prevent the possible occurrence of pulmonary edema.

Section 5 - FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Not combustible. Use extinguishing media suitable for the materials involved in the fire. If the product is involved in fire use plenty of water. Open or disperse the manure piles in combustion and remove the product that has not been affected to limit the spread of fire, if this can be done safely.

Suitable extinguishing media: Water.

Unsuitable extinguishing media: Do not use chemical extinguishers or foams or attempt to smother the fire with steam or sand.

5.2 Special hazards arising from the substance or mixture

Specific hazards: Potential explosion hazard under fire conditions when severely confined and/or contaminated with incompatible materials (e.g. organic materials, halogenated compounds - see Section 10). Do not allow molten fertilizers to run into drains.

Hazardous thermal decomposition and combustion products: Oxides of nitrogen, ammonia and depending on composition, HCl, carbon, sulphur or phosphorous oxides.

5.3 Advice for firefighters

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Special fire fighting procedures: Open doors and windows of the store to give maximum ventilation. Avoid breathing the fumes (toxic). Stand up-wind of the fire. Prevent any contamination of fertilizer by oils or other combustible materials

Special protective equipment for fire-fighters: Use a self-contained breathing apparatus if fumes are being entered.

Section 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid walking through spilled product and exposure to dust.

6.2 Environmental precautions

Take care to avoid the contamination of watercourses and drains and inform the appropriate authority in case of accidental contamination of watercourses.

6.3 Methods and material for containment and cleaning up

Any spillage of fertilizer should be cleaned up promptly, swept up and placed in a clean labelled open container for safe disposal, avoiding dusty conditions. Do not mix with sawdust and other combustible or organic substances. Dilute any contaminated or fine grained fertilizer with inert materials such as limestone/dolomite, mineral phosphate, gypsum, sand or dissolve in water.

6.4 Reference to other sections

See section 1 for emergency contact information, section 8 for personal protective equipment and section 13 for waste disposal.

Section 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid excessive generation of dust. Avoid contamination by combustible (e.g. diesel oil, grease, etc.) and/or other incompatible materials. Avoid unnecessary exposure to the atmosphere to prevent moisture pick-up. When handling the product over long periods use appropriate personal protective equipment, e.g. gloves. Carefully clean all equipment prior to maintenance and repair.

7.2 Conditions for safe storage, including any incompatibilities

On farm, ensure that the fertilizer is not stored near hay, straw, grain, diesel oil, etc.

Ensure high standard of housekeeping in the storage area. Do not permit smoking and use of naked lights in the storage areas. Restrict stack size (according to local regulations) and keep at least 1m distance around the stacks of bagged products.

Any building used for the storage should be dry and well ventilated. The product should not be stored in direct sunlight to avoid physical breakdown due to thermal cycling.

Packaging materials: Plastic synthetic materials, steel and aluminum are suitable. Avoid use of copper and zinc.

7.3 Specific end use(s)

See section 1.2.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values: Not established.

Recommended value for inhalable particulates: **TLV-TWA: 10 mg / m³**

Exposure Derived Effect Level (DNEL)						
Route of exposure with systemic effects 1	Industrial / professional worker			Consumer		
	Oral ² (mg/kg pc/day)	Dermal ² (mg/kg pc/day)	Inhalation ² (mg/m ³)	Oral ² (mg/kg pc/day)	Dermal ² (mg/kg pc/day)	Inhalation ² (mg/m ³)
Ammonium Nitrate	Not applicable	21.3	37.6	12.8	12.8	11.1
Superphosphate	Not applicable	17.4	3.1	2.1	10.4	0.9
Triple Superphosphate	Not applicable	17.4	3.1	2.1	10.4	0.9
Ammonium Sulphate	Not applicable	42.667	11.167	6.4	12.8	1.667
Monoammonium Phosphate	Not applicable	34.7	6.1	2.1	20.8	1.8
Diammonium Phosphate	Not applicable	34.7	6.1	2.1	20.8	1.8
Potassium Sulphate	Not applicable	21.3	37.6	12.8	12.8	11.1

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Potassium Chloride	Not available				Not available			
Predicted no Effects Concentration (PNEC)								
Limit values for environment ¹	Fresh water (mg/l)	Marine water (mg/l)	Intermittent emissions (mg/l)	Air (mg/m ³)	Soil (mg/kg)	Sewage treatment plant (mg/l)	Sediments (mg/kg)	Oral
Ammonium Nitrate	0.45	0.045	4.5	Not available	Not available	18	Not available	Not applicable
Superphosphate	1.7	0.17	17	Not available	Not available	10	Not available	
Triple Superphosphate	1.7	0.17	17	Not available	Not available	10	Not available	
Ammonium Sulphate	0.312	0.0312	0.53	Not available	62.6	16.18	6.063	
Monoammonium Phosphate	1.7	0.17	17	Not available	Not available	10	Not available	
Diammonium Phosphate	1.7	0.17	17	Not available	Not available	10	Not available	
Potassium Sulphate	0.68	0.068	0.68	Not available	Not available	10	Not available	
Potassium Chloride	Not available							

1: According to the chemical assessment conducted

2: Since it wasn't identified risk of acute toxicity that led to the Classification and Labelling of the substance, it is considered that the long-term DNEL is enough to ensure that acute exposure to the substance does not cause adverse effects (according to the Guide on the ECHA information requirements and chemical safety assessment Chapter R.8: Characterisation of dose [concentration] - response to human health, May 2008 and part B: hazard assessment, (draft version) new chapter B.8 Scope of assessment exhibition, March 2010).

8.2 Exposure controls

Appropriate engineering measures: Avoid high dust concentration and provide ventilation where necessary.

Hygienic measures: When handling the product do not eat, drink or smoke. Wash hands after handling and before eating, smoking and using the lavatory and at the end of the working period.

Individual protection

Respiratory system: If dust concentration is high and/or ventilation is inadequate, use suitable dust mask or respirator with an appropriate filter (e.g. EN 143, 149, filters P2 or P3).

Skin and body: use working clothes.

Hands: Wear suitable gloves (e.g. rubber or leather) when handling the product over long periods.

Eyes: Use safety glasses with side shields (EN 166).

Environmental exposure controls: Provide confinement of the product (See section 6.2)

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Informations on base properties

Appearance, 20°C and 1013 hPa	White or beige-grey solid, granules
Odour	Odourless
pH, water solution (10%)	> 4.3 - 6
Melting point	depending on mixture
Boiling point	Decomposes > 210 °C
Flash Point	Not combustible
Flammability	Not combustible
Upper/lower flammability limits	Not applicable
Vapour pressure at 20°C	Not applicable
Vapour density	Not applicable
Relative density	Not applicable
Water solubility	Soluble in water (hygroscopic)
Partition coefficient (n-octanol/water)	-3.1 (for ammonium nitrate)
Auto-ignition temperature	Not combustible
Decomposition temperature	> 210°C
Viscosity	Not applicable
Explosive properties	The fertilizer has a high resistance to detonation. This resistance is decreased by the presence of contaminants and/or high temperatures. Heating under strong confinement (e.g. in tubes or drains) may lead to a violent reaction or explosion especially if there is contamination by some of the substances mentioned under Section 10

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Oxidising properties

Not classified as oxidizer

9.2 Other information

Loose bulk density

Normally between 900-1100 kg/m³

Mean particle size

2.00 – 5.00 mm

Section 10 - STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended storage and handling conditions (see section 7).

10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions

When heated strongly decomposes releasing nitrogen and ammonia and sulfur oxides and, depending on the mixture, hydrogen chloride, sulfur and phosphorus oxides. Possibility of hazardous reactions if occurs contamination with incompatible materials.

10.4 Conditions to avoid

Storage under direct sunlight or heating (decomposes to gases). Contamination by incompatible materials. Unnecessary exposure to the atmosphere. Sources of heat or fire close to the product. Heating under confinement. Welding or hot work on equipment or plant which may have contained fertilizer without first washing thoroughly to remove all fertilizer.

10.5 Incompatible materials

Combustible materials, reducing agents, acids, alkalis, sulphur, chlorates, chlorides, chromates, nitrites, permanganates, metallic powders and substances containing metals such as copper, nickel, cobalt, zinc and their alloys.

10.6 Hazardous decomposition products

For fire situation: see section 5. When strongly heated, it melts and decomposes releasing toxic fumes (e.g. NO_x, ammonia). and depending on the mixture, hydrogen chloride, sulfur oxides and phosphor..

Section 11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute effects	Ingredient name	Species	Route	Method	Result
Cute Toxicity	Ammonium nitrate	Rat	Oral	OCDE 401	LD ₅₀ : 2950 mg/kg pc
	Superphosphate			OCDE 425	LD ₅₀ : > 2000 mg/kg pc
	Triple superphosphate			OCDE 425	LD ₅₀ : > 2000 mg/kg pc
	Ammonium Sulphate			OCDE 401	LD ₅₀ : 4250 mg/kg pc
	Monoammonium Phosphate			OCDE 425	LD ₅₀ : > 2000 mg/kg pc
	Diammonium phosphate			OCDE 425	LD ₅₀ : > 2000 mg/kg pc
	Potassium sulphate			OCDE 425	LD ₅₀ : > 2000 mg/kg pc
	Potassium chloride			-	LD ₅₀ : 3020 mg/kg pc

Local effects	Ingredient name	Species	Route	Method	Result
Irritation / Corrosion	Ammonium nitrate	Rabbit	Dermal	OCDE 404	Not irritating
			Eye	OCDE 405	Irritating
	Superphosphate		Dermal	OCDE 404	Not irritating
			Eye	OCDE 405	Irritating
	Triple superphosphate		Dermal	OCDE 404	Not irritating
			Eye	OCDE 405	Irritating
	Ammonium sulphate		Dermal	OCDE 404	Not irritating
			Eye	-	Not irritating
	Monoammonium Phosphate		Dermal	OCDE 404	Not irritating
			Eye	OCDE 405	Not irritating
	Diammonium phosphate		Dermal	OCDE 404	Not irritating
			Eye	OCDE 437	Not irritating
	Potassium sulphate		Dermal	-	Not irritating
			Eye	OCDE 405	Not irritating
	Potassium chloride		Dermal	-	Not irritating
			Eye	-	Not irritating

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Sensitisation	Ammonium nitrate	There are no known adverse effects
	Superphosphate	
	Triple superphosphate	
	Ammonium Sulphate	
	Monoammonium Phosphate	
	Diammonium phosphate	
	Potassium sulphate	
	Potassium chloride	

Others	Ingredient Name	Result
Tóxicity	Ammonium nitrate	There are no known adverse effects
	Superphosphate	
	Triple superphosphate	
	Ammonium Sulphate	
	Monoammonium Phosphate	
	Diammonium phosphate	
	Potassium sulphate	
	Potassium chloride	
Mutagenicity	Ammonium nitrate	There are no known adverse effects Ames test negative
	Superphosphate	
	Triple superphosphate	
	Ammonium Sulphate	
	Monoammonium Phosphate	
	Diammonium phosphate	
	Potassium sulphate	
	Potassium chloride	
Reproductive toxicity	Ammonium nitrate	There are no known adverse effects
	Superphosphate	
	Triple superphosphate	
	Ammonium Sulphate	
	Monoammonium Phosphate	
	Diammonium phosphate	
	Potassium sulphate	
	Potassium chloride	
Carcinogenicity	Ammonium nitrate	There are no known adverse effects
	Superphosphate	
	Triple superphosphate	
	Ammonium Sulphate	
	Monoammonium Phosphate	
	Diammonium phosphate	
	Potassium sulphate	
	Potassium chloride	

Section 12 - ECOLOGICAL INFORMATION

12.1 Toxicity

	Ingredient name	Species	Períod	Method	Result
Aquatic toxicity	Ammonium nitrate	Fish	48-h	-	LC ₅₀ : 447 mg/l
		Daphnia	-	-	EC ₅₀ : 555 mg/l
		Algae	-	-	EC ₅₀ : 83 mg/l
	Superphosphate	Fish	96-h	OCDE 203	LC ₅₀ : >85.9 mg/l

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		Daphnia	72-h	-	EC ₅₀ : 1790 mg/l
		Algae	72-h	OCDE 201	EC ₅₀ : >87.6 mg/l
	Triple superphosphate	Fish	96-h	OCDE 203	LC ₅₀ : >85.9 mg/l
		Daphnia	72-h	-	EC ₅₀ : 1790 mg/l
	Ammonium Sulphate	Algae	72-h	OCDE 201	EC ₅₀ : >87.6 mg/l
		Fish	96-h	-	LC ₅₀ : 53 mg/l
		Daphnia	48-h	-	EC ₅₀ : >169 mg/l
	Monoammonium phosphate	Algae	5-d	-	EC ₅₀ : >1605 mg/l
		Fish	96-h	OCDE 203	LC ₅₀ : 85.9 mg/l
		Daphnia	72-h	-	EC ₅₀ : 1790 mg/l
	Diammonium phosphate	Algae	72-h	OCDE 201	EC ₅₀ : 97.1 mg/l
		Fish	96-h	-	LC ₅₀ : 1700 mg/l
		Daphnia	72-h	-	EC ₅₀ : 1790 mg/l
	Potassium sulphate	Algae	5-d	OCDE 201	EC ₅₀ : > 100 mg/l
		Fish	96-h	-	LC ₅₀ : 680 mg/l
		Daphnia	48-h	-	EC ₅₀ : 890 mg/l
	Potassium chloride	Algae	3-d	-	EC ₅₀ : 1430 - 2900 mg/l
		Fish	96-h	-	LC ₅₀ : 880 mg/l
		Daphnia	48-h	-	EC ₅₀ : 660 mg/l
		Algae	3-d	-	EC ₅₀ : 1337 mg/l

12.2 Persistence and degradability

	Ingredient name	Result
Biodegradation	Ammonium nitrate	Not relevant for inorganic substances
	Superphosphate	
	Triple superphosphate	
	Ammonium Sulphate	
	Monoammonium Phosphate	
	Diammonium phosphate	
	Potassium sulphate	
	Potassium chloride	
Hidrolysise	Ammonium nitrate	Non-hydrolyzable. Dissociates into ammonium and nitrate ions
	Superphosphate	Non-hydrolyzable. Dissociates into ions
	Triple superphosphate	Non-hydrolyzable. Dissociates into ions
	Ammonium Sulphate	Non-hydrolyzable. Dissociates into ammonium and sulphate ions
	Monoammonium Phosphate	Non-hydrolyzable. Dissociates into ammonium and phosphate ions
	Diammonium phosphate	Non-hydrolyzable. Dissociates into ammonium and phosphate ions
	Potassium sulphate	Non-hydrolyzable. Dissociates into sulfate and potassium ions
	Potassium chloride	Non-hydrolyzable. Dissociates into chlorine and potassium ions
Fotolysis	Ammonium nitrate	Not available
	Superphosphate	
	Triple superphosphate	
	Ammonium Sulphate	
	Monoammonium Phosphate	
	Diammonium phosphate	
	Potassium sulphate	
	Potassium chloride	

12.3 Bioaccumulative potential

	Ingredient name	Result
Octanol-water partition coefficient(K _{ow}):	Ammonium nitrate	Not relevant for inorganic substances
	Superphosphate	
	Triple superphosphate	
	Ammonium Sulphate	
	Monoammonium	

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Bioconcentration factor (BCF):	Phosphate	Not available
	Diammonium phosphate	
	Potassium sulphate	
	Potassium chloride	
	Ammonium nitrate	
	Superphosphate	
	Triple superphosphate	
	Ammonium Sulphate	
	Monoammonium Phosphate	
	Diammonium phosphate	
	Potassium sulphate	
	Potassium chloride	

12.4 Mobility in soil

	Ingredient name	Result
Adsorption coefficient	Ammonium nitrate	Low potential adsorption (based on the properties of the substance)
	Superphosphate	
	Triple superphosphate	
	Ammonium Sulphate	
	Monoammonium Phosphate	
	Diammonium phosphate	
	Potassium sulphate	
	Potassium chloride	

12.5 Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) No 1907/2006, no PBT and vPvB assessment has been conducted since ammonium nitrate is inorganic.

12.6 Other adverse effects

Heavy spillage may cause adverse environmental impact such as eutrophication in confined surface waters.

Section 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:

Depending on degree and nature of contamination, dispose of by use as fertilizer on farm, as raw material for liquid fertilizer, or to an authorised waste facility. Dispose of this material and its container in a safe way and in accordance with all applicable local and national regulations in accordance with the Directive 2008/98/CE. Do not empty into drains. Contact the authorities in case of contamination.

Package waste disposal: Empty bags may be disposed of as non-hazardous material or returned for recycling.

Section 14 - TRANSPORT INFORMATION

Internacional Transport Regulation				
	ADR/RID	ADNR	IMDG	IATA
UN Number	Not classified			
UN name	ammonium nitrate ≤45%, without restriction of combustible material Ammonium nitrate			
Class	Not classified (type C)			
Packing group	Not available			
Label				
Environmental hazards				
Special precautions for user				

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Section 15 - REGULATORY INFORMATION

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

- Regulation (EC) n°2003/2003 (fertilizers)
- Regulation n° 1907/2006/EC (REACH) and Regulation n°453/2010
- Regulation (UE) 2015/830
- Classification and Labelling in accordance with Regulation n° 1272/2008 (CLP)

15.2 Chemical Safety Assessment

Accordance with Article 14 of REACH, a chemical safety assessment was carried out for the main ingredients of ammonium nitrate, superphosphate, triple superphosphate, ammonium sulfate, monoammonium phosphate, diammonium phosphate and potassium sulphate as substances.

Section 16 - OTHER INFORMATION

16.1 Abbreviations and acronyms

16.1 Definitions and Acronyms

Annex I of Directive 67/548/EEC: The Annex I of the Directive 67/548/EEC contains a list of harmonized classifications for substances that are legally binding on the EU list. The list is regularly updated through Adaptations to Technical Progress; **ADR:** European Agreement concerning international carriage of Dangerous goods by Road; **CAS:** Chemical Abstract Service; **CLP:** Regulation (EC) n° 1272/2008; **EC:** European Commission; **DNEL:** Derived No-Effect Level; **DSD:** Directive 67/548/CEE; **EC50:** Median Effective concentration ; **IATA:** International Air Transport Association; **IMDG:** International Maritime Dangerous Goods; **LC50:** Lethal concentration; **LD50:** Median Lethal dose; **NOAEC:** No Observed Adverse Effect Concentration; **NOAEL:** No Observed Adverse Effect Level; **NOEC:** No Observed Effect Concentration; **OECD:** Organization for Economic Co-operation and Development.; **PBT:** Persistent Bioaccumulative and Toxic; **PNEC:** Predicted No effect Concentration; **STEL:** Short-term exposure limit; **vPvB:** very persistent and very bioaccumulative.

16.2 Referências Bibliográficas

- Guidance documents available on ECHA web site and Chemical Safety Assessment of Ammonium Nitrate.
- www.fertilizerseurope.com (Guidance for the compilation of safety data sheets for fertilizer materials);
- “Assessment of the classification as eye irritant of fertilizers containing SSP and/or TSP, EFMA, 2013”

16.3 Complete texts of the codes relating to the classification

- Classification and Labelling in accordance with Regulation (EC) n° 1272/2008 (CLP), Annex VI:
 - Not classified
- Classification in accordance with Regulation 1272/2008, by self-classification based on the performed CSA:
 - Not classified
 - No eye irritation (tested on mixtures with similar compositions according to OECD 437 and OECD 405)

16.4 Other References

Date of the SDS:	19-01-2017
Date of previous SDS:	12-09-2016
Modifications in this version:	Section 1 and 3

The information in this Safety Data Sheet is given in good faith and belief in its accuracy based on our knowledge of the substance/mixture concerned at the date of publication. It does not imply the acceptance of any legal liability or responsibility whatsoever by the Company for the consequences of its use or misuse in any particular circumstances.