

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



NPK Fertiliser

Version
5.2

Revision Date:
29.10.2025

Date of last issue: 12.12.2024
Date of first issue: 31.07.2019

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

1.1 Product identifier

Trade name : COMPLEX 15/15/15+8SO3+Zn

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

Use of the Sub-
stance/Mixture : Fertilizers

1.3 Details of the supplier of the safety data sheet

Supplier : LAT Nitrogen Austria GmbH
St. Peter-Strasse 25, 4021 Linz, Austria
Telephone: +43 732 6915-0

E-mail address : sds@lat-nitrogen.com

1.4 Emergency telephone number

+44 (0) 1235 239 670 (NCEC Carechem 24)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

Additional Labelling

EUH210 Safety data sheet available on request.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Ammonium nitrate	6484-52-2 229-347-8 01-2119490981-27	Ox. Sol. 3; H272 Eye Irrit. 2; H319	$\geq 20 - < 30$
ammonium chloride	12125-02-9 235-186-4 017-014-00-8 01-2119489385-24	Acute Tox. 4; H302 Eye Irrit. 2; H319 Acute toxicity estimate Acute oral toxicity: 1.410 mg/kg	$\geq 1 - < 10$
Substances with a workplace exposure limit :			
calcium fluoride	7789-75-5 232-188-7 01-2119491248-30		$\geq 1 - < 5$

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- If inhaled : Move to fresh air in case of accidental inhalation of dust.
Keep patient warm and at rest.
Give oxygen or artificial respiration if needed.
Seek medical advice.
- In case of skin contact : Wash off with plenty of water.
Get medical attention if irritation develops and persists.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids,
for at least 5 minutes.
If easy to do, remove contact lens, if worn.
Get medical attention if irritation develops and persists.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Never give anything by mouth to an unconscious person.
Do NOT induce vomiting.
Get medical advice/ attention if you feel unwell.

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4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Ingestion may provoke the following symptoms:
Gastrointestinal disturbance
The absorption of this product into the body may lead to the formation of methaemoglobine that, in sufficient concentration, causes cyanosis.

Effects of repeated or prolonged skin contacts may include:
Discomfort

Inhalation of decomposition fumes may provoke the following symptoms:
Risk of delayed pulmonary oedema.

Eye contact:
May irritate eyes.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Keep under medical supervision for at least 48 hours.

Treat symptomatically.
There is no specific antidote available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : High volume water jet

Unsuitable extinguishing media : Dry chemical
Carbon dioxide (CO₂)
Foam
Do not smother with steam or sand.
Halon

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Potential explosion hazard when heated under strong confinement (e.g. tubes and drains) especially if contaminated with incompatible material.
See chapter 10.

Hazardous decomposition products formed under fire conditions.
Nitrogen oxides (NO_x)
Ammonia
Chlorine
Hydrogen chloride

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5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Complete suit protecting against chemicals

Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.
Contact the proper local authorities.

Ensure doors and windows are opened.
Avoid inhalation of decomposition fumes.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Sweep up to prevent slipping hazard.
Avoid dust formation.
Use personal protective equipment.
Eliminate all ignition sources if safe to do so.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.
Inform the responsible authorities in case of entry into waterways or drains.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Sweep up or vacuum up spillage and collect in suitable container for disposal.
Do not mix with sawdust, combustible or organic material.
Keep the container open.
After cleaning, flush away traces with water.

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid dust formation.
Ensure adequate ventilation.
Keep away from incompatible materials.
Use only clean equipment.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition. Keep away from combustible material.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing. When using do not eat, drink or smoke. Wash hands be-

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fore breaks and immediately after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep in a dry, cool and well-ventilated place. Restrict stack size (according to local regulations) and keep at least 1m distance around the stacks of bagged products. Routine house-keeping should be instituted to ensure that dusts do not accumulate on surfaces.

Suitable materials for containers: Plastics Stainless steel Aluminium

Unsuitable materials for containers: Copper Zinc

Further information on storage conditions : Avoid unprotected outdoor storage. Protect from moisture.

Advice on common storage : Do not store near combustible materials.
Keep away from incompatible materials.
See chapter 10.
Keep away from food, drink and animal feedingstuffs.

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

7.3 Specific end use(s)

Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006

Substance name	End Use	Exposure routes	Potential health effects	Value
ammonium chloride	Workers	Inhalation	Long-term, Systemic	43,97 mg/m ³
	Workers	Dermal	Long-term, Systemic	128,9 mg/kg bw/day
	Consumers	Inhalation	Long-term, Systemic	9,4 mg/m ³
	Consumers	Dermal	Long-term, Systemic	55,2 mg/kg bw/day
	Consumers	Oral	Long-term, Systemic	55,2 mg/kg bw/day
	Consumers	Oral	Acute, Systemic	55,2 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006

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Substance name	Environmental Compartment	Value
Ammonium nitrate	Fresh water	16 mg/l
	Marine water	15,9 mg/l
	Fresh water sediment	77,7 mg/kg
	Marine sediment	77,2 mg/kg
	Sewage treatment plant	16,9 mg/l
ammonium chloride	Fresh water	0,25 mg/l
	Marine water	0,025 mg/l
	Soil	50,7 mg/kg dwt

8.2 Exposure controls

Engineering measures

Avoid dust formation.

Provide adequate ventilation.

Before working with fire and hot materials on containers and apparatus remains of products must be removed through efficient cleaning with water.

Personal protective equipment

Eye/face protection : Safety glasses
(EN 166)

Hand protection

Material : Nitrile rubber
Break through time : ≥ 480 min
Glove thickness : $\geq 0,11$ mm
Guideline : Equipment should conform to EN 374

Remarks : For prolonged or repeated contact use protective gloves.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Respiratory protection : Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn.

Respiratory protection complying with EN 143 / EN 149.

Filter type : P1 filter

Protective measures : Appropriate personal protective equipment (PPE) shall be worn in accordance with Regulation (EU) 2016/425.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : solid

Form : granules

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Colour	:	grey, light brown
Odour	:	odourless
Melting point	:	Decomposes before melting.
Boiling point	:	Decomposes below the boiling point.
Flammability	:	The product is not flammable.
Upper explosion limit / Upper flammability limit	:	Not applicable (solid)
Lower explosion limit / Lower flammability limit	:	Not applicable (solid)
Flash point	:	Not applicable, (inorganic)
Auto-ignition temperature	:	Not applicable (solid)
Decomposition temperature	:	> 130 °C Decomposes before melting.
pH	:	• 4 - 5 • Concentration: 10 %
Viscosity Viscosity, kinematic	:	Not applicable (solid)
Solubility(ies) Water solubility	:	(20 °C) partly soluble
Partition coefficient: n-octanol/water	:	Not applicable (inorganic)
Vapour pressure	:	Not applicable (inorganic)
Density	:	1.060 kg/m ³
Relative vapour density	:	Not applicable (solid)

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Particle characteristics

Particle size : 2 - 5 mm
> 95 %

9.2 Other information

Explosives : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Contact with strong bases liberates ammonia.
Contact with strong acids liberates nitrous gases.
Decomposes on heating.

10.4 Conditions to avoid

Conditions to avoid : Temperature > 130 °C
Risk of explosion if heated under confinement.
Keep away from incompatible materials.
Exposure to air or moisture over prolonged periods.

10.5 Incompatible materials

Materials to avoid : Combustible material
Reducing agents
Strong acids and strong bases
sulphur
Chlorates
Chromates
Nitrites
permanganates
Powdered metals
Copper

10.6 Hazardous decomposition products

Nitrogen oxides (NO_x)
Ammonia
Chlorine
Hydrogen chloride

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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.

Product:

Acute oral toxicity : Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Components:

Ammonium nitrate:

Acute oral toxicity : LD50 (Rat, male and female): 2.950 mg/kg
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat, male and female): > 5.000 mg/kg
Method: OECD Test Guideline 402

ammonium chloride:

Acute oral toxicity : LD50: 1.410 mg/kg
Method: OECD Test Guideline 401

Skin corrosion/irritation

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

Components:

Ammonium nitrate:

Species : Rabbit
Method : OECD Test Guideline 404
Result : No skin irritation

Serious eye damage/eye irritation

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

Product:

Method : OECD Test Guideline 405 & 437
Result : No eye irritation
Remarks : Information given is based on tests on mixtures with similar compositions.

Components:

Ammonium nitrate:

Species : Rabbit
Assessment : Causes serious eye irritation.
Method : OECD Test Guideline 405
Result : Irritating to eyes.

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ammonium chloride:

Species : Rabbit
Assessment : Causes serious eye irritation.
Method : OECD Test Guideline 405
Result : Irritating to eyes.

Respiratory or skin sensitisation

Skin sensitisation

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

Respiratory sensitisation

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

Components:

Ammonium nitrate:

Species : Mouse
Method : OECD Test Guideline 429
Result : Does not cause skin sensitisation.
Test substance : Calcium ammonium nitrate
Remarks : Read-across (Analogy)

Germ cell mutagenicity

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

Components:

Ammonium nitrate:

Genotoxicity in vitro : Test Type: reverse mutation assay
Method: OECD Test Guideline 471
Result: negative
Test substance: Ammonium calcium nitrate
Remarks: Read-across (Analogy)

Test Type: Chromosome aberration test in vitro
Method: OECD Test Guideline 473
Result: negative
Test substance: Ammonium calcium nitrate
Remarks: Read-across (Analogy)

Test Type: In vitro gene mutation study in mammalian cells
Method: OECD Test Guideline 476
Result: negative
Test substance: Potassium nitrate
Remarks: Read-across (Analogy)

Carcinogenicity

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

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Components:

Ammonium nitrate:

Species : Rat, male and female
Application Route : Oral
Activity duration : 104 Weeks
Result : 1.820 mg/kg bw/day
Test substance : no increase in tumors observed
Remarks : Sodium nitrate
Read-across (Analogy)

Reproductive toxicity

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

Components:

Ammonium nitrate:

Effects on fertility : Species: Rat, male and female
Application Route: Oral
General Toxicity - Parent: NOAEL: ≥ 920 mg/kg bw/day
Method: OECD Test Guideline 422
Result: No adverse effects
Remarks: Read-across (Analogy)
Potassium nitrate

Effects on foetal development : Species: Rat
Application Route: Oral
Duration of Single Treatment: 28 d
General Toxicity Maternal: NOAEL: ≥ 920 mg/kg bw/day
Symptoms: No foetal abnormalities
Method: OECD Test Guideline 422
Result: No adverse effects
Remarks: Read-across (Analogy)
Potassium nitrate

STOT - single exposure

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

STOT - repeated exposure

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

Repeated dose toxicity

Components:

Ammonium nitrate:

Species : Rat, male and female
NOAEL : ≥ 1.500 mg/kg
Application Route : Oral
Exposure time : 28 d
Method : OECD Test Guideline 422
Test substance : Potassium nitrate
Remarks : Read-across (Analogy)

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Species : Rat, male
NOAEL : > 1 mg/m³
Application Route : Inhalation
Exposure time : 28 d
Method : OECD Test Guideline 412

Aspiration toxicity

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

11.2 Information on other hazards

Endocrine disrupting properties

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

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

Components:

Ammonium nitrate:

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): 346 mg/l
Exposure time: 48 h
Test Type: Short term
Remarks: Fresh water

LC50 (Hexagrammos otakii (Fat greenling)): 10.359 mg/l
Exposure time: 96 h
Test Type: Short term
Test substance: Sodium nitrate
Remarks: Marine water
Read-across (Analogy)

Toxicity to daphnia and other aquatic invertebrates : EC50 (Ceriodaphnia (water flea)): 340 mg/l
Exposure time: 48 h
Test Type: Short term

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	Test substance: Calcium nitrate Remarks: Fresh water Read-across (Analogy)
	LC50 (Portunus pelagicus (flower grab)): 496 mg/l Exposure time: 96 h Test Type: Short term Test substance: Potassium nitrate Remarks: Marine water Read-across (Analogy)
Toxicity to algae/aquatic plants	: EC50 (algae): > 1.048 mg/l Exposure time: 10 d Test Type: Growth inhibition Test substance: Potassium nitrate Remarks: Marine water Read-across (Analogy)
Toxicity to microorganisms	: EC50 : > 1.000 mg/l Exposure time: 180 min Test Type: Respiration inhibition of activated sludge Test substance: Sodium nitrate Method: OECD Test Guideline 209 Remarks: Fresh water Read-across (Analogy)
Toxicity to fish (Chronic toxicity)	: NOEC: 88,4 mg/l Exposure time: 7 d Species: Gobiocypris rarus (rare gudgeon) Test substance: Potassium nitrate Remarks: Fresh water Read-across (Analogy)
	NOEC: 279,2 mg/l Exposure time: 42 d Species: Psetta maxima Test substance: Sodium nitrate Remarks: Marine water Read-across (Analogy)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC: 1.585,4 mg/l End point: Reproduction rate Exposure time: 7 d Species: Daphnia magna (Water flea) Test substance: Sodium nitrate Remarks: Fresh water Read-across (Analogy)
	NOEC: 22,8 mg/l Exposure time: 40 d Species: Farfantepenaeus brasiliensis Test substance: Sodium nitrate Remarks: Marine water

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Read-across (Analogy)

12.2 Persistence and degradability

Components:

Ammonium nitrate:

Biodegradability : Remarks: The methods for determining biodegradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential

Components:

Ammonium nitrate:

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

12.4 Mobility in soil

Components:

Ammonium nitrate:

Mobility : Medium: Water
Remarks: completely soluble
: Medium: Soil
Remarks: (NO₃-), Not expected to adsorb on soil.
: Medium: Soil
Remarks: (NH₄+), After release, adsorbs onto soil.

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

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Additional ecological information : Do not allow product to reach ground water, water bodies or sewage system.
Heavy spillage may cause adverse environmental impact such as eutrophication in confined surface waters.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Do not allow product to reach ground water, water bodies or sewage system.
Do not dispose of together with household waste.

European waste code:
06 10 99: wastes not otherwise specified

Contaminated packaging : Properly emptied, non-contaminated packaging of non-hazardous products can be supplied to a system for the collection of sales packaging.

SECTION 14: Transport information

14.1 UN number or ID number

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good

14.2 UN proper shipping name

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good

14.4 Packing group

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good

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14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks : Ammonium nitrate-based compound/composite fertilisers (compound/composite fertilisers contain ammonium nitrate with phosphate and/or potash) which are not capable of self-sustaining decomposition according to the UN Trough Test (see UN Manual of Tests and Criteria, Part III, subsection 38.2).
SDS: No specific instructions needed.
Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

14.7 Maritime transport in bulk according to IMO instruments

Remarks : No data is available on the product itself.

SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered:
Number on list 58: Ammonium nitrate

Number on list 65: Ammonium nitrate, ammonium chloride

Number on list 75: If you intend to use this product as tattoo ink, please contact your vendor.

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EU) No 2024/590 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors

This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point. Ammonium nitrate (ANNEX I)

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Please see https://ec.europa.eu/home-affairs/sites/homeaffairs/files/what-we-do/policies/crisisand-terrorism/explosives/explosives-precursors/docs/list_of_competent_authorities_and_national_contact_points_en.pdf

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.
Not applicable

Other regulations:

Regulation (EU) 2019/1009 relating to EU fertilising products
PFC 1 (C) (I) (a) (ii)

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance/mixture.

SECTION 16: Other information

Full text of H-Statements

H272 : May intensify fire; oxidizer.
H302 : Harmful if swallowed.
H319 : Causes serious eye irritation.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Eye Irrit. : Eye irritation
Ox. Sol. : Oxidizing solids

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation;

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



NPK Fertiliser

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KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Contact Point : LAT Nitrogen, Group Product Stewardship

Sources of key data used to compile the Safety Data Sheet : Chemical Safety Report, Ammonium Nitrate. FARM REACH Consortium, 2023
Fertilizers Europe Guidance documents

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