Houseplant Focus

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Revision date: 10/03/2025 Supersedes version of: 30/09/2020 Version: 3.3

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

1.1. Product identifier

Product form : Mixture
Product name : Houseplant Focus
Type of product : Fertilisers
Product group : Trade product

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

Relevant identified uses

Intended for general public
Main use category : Consumer use
Use of the substance/mixture : Fertilisers

Uses advised against

Restrictions on use : Not applicable

1.3. Details of the supplier of the safety data sheet

Manufacturer
Growth Technology Limited
Great Western Way
TA2 6BX Taunton, Somerset
UK
T +44 (0)1823 325291
info@growthtechnology.com, www.growthtechnology.com

1.4. Emergency telephone number

Emergency number : +44 (0)1823 325291
office hours only:
Monday - Friday
0800 - 1700 (GMT/UTC)

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Cardiff Centre) University Hospital Llandough	Penlan Road CF64 2XX Cardiff	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Edinburgh Centre) Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	Only for healthcare professionals
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre	16/17 Framlington Place Newcastle-upon-Tyne NE2 4AB Newcastle	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 2 H319
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :

GHS07

Signal word (CLP) : Warning
Hazard statements (CLP) : H319 - Causes serious eye irritation.
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P264 - Wash hands thoroughly after handling.
P280 - Wear eye protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Other hazards which do not result in classification : None under normal conditions.

Bioaccumulation is not expected to occur
Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Calcium nitrate (10124-37-5), Sodium molybdate (10102-40-6)(²), Ammonium nitrate (6484-52-2)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Calcium nitrate (10124-37-5), Sodium molybdate (10102-40-6)(²), Ammonium nitrate (6484-52-2)

(²) Substance(s) added in concentration <0.1% on voluntary basis

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Calcium nitrate	CAS-No.: 10124-37-5 EC-No.: 233-332-1 REACH-no: 01-2119495093-35	≥ 1 - <3	Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ammonium nitrate	CAS-No.: 6484-52-2 EC-No.: 229-347-8 REACH-no: 01-2119490981-27	≥ 1 – < 5	Ox. Sol. 3, H272 Eye Irrit. 2, H319
Sodium molybdate	CAS-No.: 10102-40-6 EC-No.: 231-551-7 REACH-no: 01-2119489495-21	<0.005	Not classified

Specific concentration limits:		
Name	**Product identifier**	**Specific concentration limits (%)**
Ammonium nitrate	CAS-No.: 6484-52-2 EC-No.: 229-347-8 REACH-no: 01-2119490981-27	(80 < C ≤ 100) Eye Irrit. 2; H319

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible). First aid personnel should wear appropriate protective equipment during any rescue.

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give oxygen or artificial respiration if necessary. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical advice.

First-aid measures after ingestion : Rinse mouth. Get medical advice/attention if you feel unwell.

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

Symptoms/effects : Causes serious eye irritation.

Symptoms/effects after inhalation : Inhalation of liquid or overexposure to vapours may cause coughing.

Symptoms/effects after skin contact : None under normal conditions.

Symptoms/effects after eye contact : Causes serious eye irritation.

Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting.

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

Treat symptomatically. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing agent suitable for surrounding fire. Dry chemical, CO2, or water spray or regular foam.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Combustion products may include the following: carbon oxides (CO, CO2) (carbon monoxide, carbon dioxide) nitrogen oxides (NO, NO_2 etc.).

5.3. Advice for firefighters

Firefighting instructions : Do not allow run-off from fire-fighting to enter drains or water courses.
Protection during firefighting : Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Keep out of reach of children. Do not handle until all safety precautions have been read and understood.

For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.
Emergency procedures : Avoid contact with eyes. Evacuate area. Ventilate area.

For emergency responders

Protective equipment : Concerning personal protective equipment to use, see section 8.
Emergency procedures : Avoid contact with eyes. Evacuate unnecessary personnel. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak without risks if possible. Cover spill with non combustible material, e.g.: sand, earth, vermiculite. For a large spillage, contain the spillage by bunding.
Methods for cleaning up : Take up liquid spill into absorbent material. Shovel or sweep up and put in a closed container for disposal. Clean contaminated surfaces with an excess of water.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

SECTION 8. SECTION 11. SECTION 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling : Avoid contact with eyes. Wear eye protection.
Hygiene measures : Take off immediately all contaminated clothing and wash it before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep out of reach of children.
Storage conditions : Keep only in original container. Keep cool. Protect from sunlight. Protect from frost.
Incompatible products : Strong bases.
Storage temperature : 6 – 30 °C

7.3. Specific end use(s)

Fertilisers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

Sodium molybdate (10102-40-6)	
United Kingdom - Occupational Exposure Limits	
Local name	Molybdenum compounds (as Mo) - soluble compounds
WEL TWA (OEL TWA)	5 mg/m³
WEL STEL (OEL STEL)	10 mg/m³
Regulatory reference	EH40/2005 (Fourth Edition, 2020). HSE.

DNEL and PNEC

Calcium nitrate (10124-37-5)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	13.9 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	24.5 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	8.33 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	6.3 mg/m³
Long-term - systemic effects, dermal	8.33 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.45 mg/l
PNEC aqua (marine water)	0.045 mg/l
PNEC aqua (intermittent, freshwater)	4.5 mg/l
PNEC (STP)	
PNEC sewage treatment plant	18 mg/l

Sodium molybdate (10102-40-6)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, inhalation	23.97 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	7.3 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	7.15 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	27.25 mg/l
PNEC aqua (marine water)	4.08 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	48500 mg/kg dwt
PNEC sediment (marine water)	4250 mg/kg dwt
PNEC (Soil)	
PNEC soil	20.39 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	46.57 mg/l

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:
Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Personal protection equipment

Personal protective equipment:
Wear recommended personal protective equipment. Always wash hands after handling the product.

Eye and face protection

Eye protection:
Safety glasses with side shields. ISO 16321-1

Skin protection

Skin and body protection:
Not required for normal conditions of use

Hand protection:
Not required for normal conditions of use

Other skin protection
Materials for protective clothing:
Not required for normal conditions of use

Respiratory protection

Respiratory protection:
No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

Thermal hazards

Thermal hazard protection:
Not required for normal conditions of use.

Environmental exposure controls

Environmental exposure controls:
Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	dark brown.
Appearance	:	Clear to slightly hazy liquid.
Odour	:	faint specific odour.
Odour threshold	:	Not applicable as product has a barely detectable odour
Melting point	:	Not applicable (aqueous liquid)
Freezing point	:	≈ 0 °C
Boiling point	:	≈ 100 °C
Flammability	:	Not applicable (aqueous liquid)
Explosive properties	:	Not expected to be a fire/explosion hazard under normal conditions of use.
Oxidising properties	:	Does not meet the criteria for classification as oxidising.
Lower explosion limit	:	Not available
Upper explosion limit	:	Not available
Flash point	:	Not applicable (aqueous non combustible product)
Auto-ignition temperature	:	Not applicable (aqueous non combustible product)
Decomposition temperature	:	Not determined for product as chemical composition does not present hazard. Decomposition temperature Calcium nitrate: ~500°C. Ammonium nitrate: ~230°C
pH	:	3 – 4
Viscosity, kinematic	:	Not determined
Viscosity, dynamic	:	Not determined as product has low viscosity and this property is not considered relevant for usage or hazard potential of product
Solubility	:	Miscible (in all proportions) with : water.

Partition coefficient n-octanol/water (Log Kow)	:	Not determined as product is inorganic
Partition coefficient n-octanol/water (Log Pow)	:	Not determined as product is inorganic
Vapour pressure	:	Not determined, product is non volatile and therefore not expected to pose a hazard.
Vapour pressure at 50°C	:	Not determined, product is non volatile and therefore not expected to pose a hazard.
Density	:	1100 kg/m³
Relative density	:	1.1
Relative vapour density at 20°C	:	Not determined, product is non volatile at 20°C and therefore not expected to pose a hazard.
Particle characteristics	:	Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep out of direct sunlight. Protect from freezing.

10.5. Incompatible materials

Strong bases.

10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature. Combustion products may include the following: carbon oxides (CO, CO2) (carbon monoxide, carbon dioxide) nitrogen oxides (NO, NO_2 etc.).

SECTION 11: Toxicological information

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

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

Calcium nitrate (10124-37-5)	
LD50 oral rat	300 – 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity), Guideline: other:Japanese Ministery of Agriculture, Forestry and Fisheries (JMAFF), 12 Nousan, Notification No 8147, November 2000, including the most recent partial revisions
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Sodium molybdate (10102-40-6)	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	> 2000 mg/kg bodyweight

Sodium molybdate (10102-40-6)	
LC50 Inhalation - Rat	> 1.93 mg/l/4h

Ammonium nitrate (6484-52-2)	
LD50 oral rat	2950 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation : Not classified
pH: 3 – 4

Ammonium nitrate (6484-52-2)	
pH	5.43 Concentration: 0,1 other:M

Serious eye damage/irritation : Causes serious eye irritation.
pH: 3 – 4

Ammonium nitrate (6484-52-2)	
pH	5.43 Concentration: 0,1 other:M

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

Calcium nitrate (10124-37-5)	
NOAEL (oral, rat, 90 days)	≥ 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents), Guideline: EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))

Sodium molybdate (10102-40-6)	
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	> 0.1 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

Aspiration hazard : Not classified

Houseplant Focus	
Viscosity, kinematic	Not determined

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short–term (acute) : Not classified
Hazardous to the aquatic environment, long–term (chronic) : Not classified

Calcium nitrate (10124-37-5)	
LC50 - Fish [1]	1378 mg/l Test organisms (species): Poecilia reticulata
EC50 - Crustacea [1]	490 mg/l Test organisms (species): Daphnia magna
ErC50 algae	> 1700 mg/l EC50/10d

Sodium molybdate (10102-40-6)	
LC50 - Fish [1]	≈ 609.1 mg/l
EC50 - Crustacea [1]	≈ 131 ml/l
EC50 72h - Algae [1]	≈ 333.1 mg/l
NOEC chronic fish	> 121 mg/l 84d
NOEC chronic crustacea	≈ 79 mg/l 30d

Ammonium nitrate (6484-52-2)	
EC50 - Crustacea [1]	490 mg/l Test organisms (species): Daphnia magna

12.2. Persistence and degradability

Houseplant Focus	
Persistence and degradability	Expected to be biodegradable.

Calcium nitrate (10124-37-5)	
Persistence and degradability	Readily biodegradable.

Sodium molybdate (10102-40-6)	
Persistence and degradability	Readily biodegradable.

Ammonium nitrate (6484-52-2)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

Houseplant Focus	
Partition coefficient n-octanol/water (Log Pow)	Not determined as product is inorganic
Partition coefficient n-octanol/water (Log Kow)	Not determined as product is inorganic
Bioaccumulative potential	Bioaccumulation is not expected to occur.

Calcium nitrate (10124-37-5)	
Bioaccumulative potential	Low bioaccumulation potential.

Sodium molybdate (10102-40-6)	
Bioaccumulative potential	Low bioaccumulation potential.

Ammonium nitrate (6484-52-2)	
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

Houseplant Focus	
Ecology - soil	Expected to be highly mobile in soil.

Calcium nitrate (10124-37-5)	
Ecology - soil	Expected to be highly mobile in soil.

Sodium molybdate (10102-40-6)	
Ecology - soil	No data available.

12.5. Results of PBT and vPvB assessment

Houseplant Focus
Bioaccumulation is not expected to occur

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Calcium nitrate (10124-37-5), Sodium molybdate (10102-40-6)(²), Ammonium nitrate (6484-52-2)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Calcium nitrate (10124-37-5), Sodium molybdate (10102-40-6)(²), Ammonium nitrate (6484-52-2)

(²) Substance(s) added in concentration <0.1% on voluntary basis

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : Not applicable.

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Prevent entry to sewers and public waters.
Product/Packaging disposal recommendations : a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.
Ecological information : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport
Not applicable

Transport by sea
Not applicable

Air transport
Not applicable

Inland waterway transport
Not applicable

Rail transport
Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)
ANNEX I RESTRICTED EXPLOSIVES PRECURSORS
List of substances which shall not be made available to, or introduced, possessed or used by, members of the general public, whether on their own or in mixtures or substances that include those substances, unless the concentration is equal to or lower than the limit values set out in column 2, and for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

Name	CAS-No.	Limit value	Upper limit value for licensing under Article 5(3)	Combined Nomenclature (CN) code for a separate chemically defined compound meeting the requirements of Note 1 to Chapter 28 or 29 of the CN, respectively	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Ammonium nitrate	6484-52-2	45.7 % w/w	No licensing permitted	3102 30 10 (in aqueous solution); 3102 30 90 (other)	ex 3824 99 96

ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

Name	CAS-No.	Combined Nomenclature code (CN)	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Calcium nitrate	10124-37-5	ex 2834 29 80	ex 3824 99 96
Magnesium nitrate hexahydrate	13446-18-9	ex 2834 29 80	ex 3824 99 96
Potassium nitrate	7757-79-1	2834 21 00	ex 3824 99 96

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations

United Kingdom

British National Regulations : Contains the following regulated explosives precursors below threshold concentrations (where applicable) as defined by The Control of Explosives Precursors and Poisons Regulations 2023, UK: ammonium nitrate; calcium nitrate, magnesium nitrate, potassium nitrate. For more details see: https://www.gov.uk/government/publications/supplying-explosives-precursors/supplying-explosives-precursors-and-poison.

15.2. Chemical safety assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product

For the following substances of this mixture a chemical safety assessment has been carried out:

Calcium nitrate
Sodium molybdate
Ammonium nitrate

SECTION 16: Other information

Indication of changes		
Section	**Changed item**	**Comments**
2.3	Additional information	**Added**
12.6	Remark (RU)	**Added**
15.1	Additional information	**Added**

Abbreviations and acronyms:	
SDS	Safety Data Sheet
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
DNEL	Derived-No Effect Level
PNEC	Predicted No-Effect Concentration
CAS-No.	Chemical Abstract Service number
EC-No.	European Community number
EN	European Standard
OEL	Occupational Exposure Limit
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
EC50	Median effective concentration
DMEL	Derived Minimal Effect level
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative
IOELV	Indicative Occupational Exposure Limit Value

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
Ox. Sol. 3	Oxidising Solids, Category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Eye Irrit. 2	H319	Calculation method

Safety Data Sheet (SDS), EU

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