

according to Regulation UK SI 2019/758 and UK SI 2020/1577 as amended

Creation Date 05-Aug-2010

Revision Date 09-Sep-2024

Revision Number 11

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

| Product Description:             |
|----------------------------------|
| Cat No. :                        |
| Synonyms                         |
| CAS No                           |
| EC No                            |
| Molecular Formula                |
| <b>REACH registration number</b> |
|                                  |

Potassium nitrate 193800000; 193800100; 193800500; 193802500 Saltpeter.; Nitric acid potassium salt; Niter 7757-79-1 231-818-8 K N O3 01-2119488224-35

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

| Recommended Use<br>Sector of use | Laboratory chemicals.<br>SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites |
|----------------------------------|---|
| Product category                 | PC21 - Laboratory chemicals   |
| Process categories               | PROC15 - Use as a laboratory reagent  |
| Environmental release category   | ERC6a - Industrial use resulting in manufacture of another substance (use of intermediates)                       |
| Uses advised against             | No Information available  |

#### 1.3. Details of the supplier of the safety data sheet

| Company |
|---------|
|         |

**UK entity/business name** Fisher Scientific UK Bishop Meadow Road, Loughborough, Leicestershire LE11 5RG, United Kingdom

#### EU entity/business name

begel.sdsdesk@thermofisher.com

Thermo Fisher Scientific Janssen Pharmaceuticalaan 3a, 2440 Geel, Belgium

E-mail address

1.4. Emergency telephone number

For information **US** call: 001-800-227-6701 / **Europe** call: +32 14 57 52 11 Emergency Number **US**:001-201-796-7100 / **Europe**: +32 14 57 52 99 **CHEMTREC** Tel. No. **US**:001-800-424-9300 / **Europe**:001-703-527-3887

### **SECTION 2: HAZARDS IDENTIFICATION**

#### 2.1. Classification of the substance or mixture

GHS Classification - According to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567

Physical hazards

#### Potassium nitrate

Oxidizing solids

Health hazards

**Environmental hazards** 

Based on available data, the classification criteria are not met

Full text of Hazard Statements: see section 16

#### 2.2. Label elements



Signal Word

Warning

#### Hazard Statements

H272 - May intensify fire; oxidizer

#### **Precautionary Statements**

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P220 - Keep away from clothing and other combustible materials

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P371 + P380 + P375 - In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion

#### 2.3. Other hazards

Results of PBT and vPvB assessment In accordance with Annex XIII of the REACH Regulation, inorganic substances do not require assessment

#### Toxic to terrestrial vertebrates

This product does not contain any known or suspected endocrine disruptors

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

| Component         | CAS No    | EC No     | Weight % | GHS Classification - According to<br>GB-CLP Regulations UK SI 2019/720 and<br>UK SI 2020/1567 |
|-------------------|-----------|-----------|----------|---|
| Potassium nitrate | 7757-79-1 | 231-818-8 | >95      | Ox. Sol. 3 (H272)   |

| REACH registration number | 01-2119488224-35 |
|---------------------------|------------------|
|---------------------------|------------------|

Category 3 (H272)

#### Potassium nitrate

#### Full text of Hazard Statements: see section 16

### **SECTION 4: FIRST AID MEASURES**

#### 4.1. Description of first aid measures

| General Advice                     | If symptoms persist, call a physician.  |
|------------------------------------|---|
| Eye Contact                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.   |
| Skin Contact                       | Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. |
| Ingestion                          | Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.             |
| Inhalation                         | Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.      |
| Self-Protection of the First Aider | No special precautions required.  |
| 4.2. Most important symptoms and   | effects, both acute and delayed   |

None reasonably foreseeable.

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

Notes to Physician

Treat symptomatically.

**SECTION 5: FIREFIGHTING MEASURES** 

#### 5.1. Extinguishing media

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### Extinguishing media which must not be used for safety reasons

No information available.

#### 5.2. Special hazards arising from the substance or mixture

Oxidizer: Contact with combustible/organic material may cause fire. May ignite combustibles (wood paper, oil, clothing, etc.). Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

#### Hazardous Combustion Products

Potassium oxides, Nitrogen oxides (NOx).

#### 5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.

#### 6.2. Environmental precautions

Should not be released into the environment.

#### 6.3. Methods and material for containment and cleaning up

Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

#### 6.4. Reference to other sections

Refer to protective measures listed in Sections 8 and 13.

### **SECTION 7: HANDLING AND STORAGE**

#### 7.1. Precautions for safe handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid ingestion and inhalation. Avoid dust formation. Do not get in eyes, on skin, or on clothing. Keep away from clothing and other combustible materials.

#### **Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and after work.

#### 7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store near combustible materials.

Technical Rules for Hazardous Substances (TRGS) 510 Class 5.1B Storage Class (LGK) (Germany)

#### 7.3. Specific end use(s)

Use in laboratories

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### 8.1. Control parameters

Exposure limits List source(s):

#### **Biological limit values**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

#### Derived No Effect Level (DNEL) / Derived Minimum Effect Level (DMEL)

See table for values

#### **Potassium nitrate**

| Component                            | Acute effects local | Acute effects     | Chronic effects local | Chronic effects     |
|--------------------------------------|---------------------|-------------------|-----------------------|---------------------|
|                                      | (Dermal)            | systemic (Dermal) | (Dermal)              | systemic (Dermal)   |
| Potassium nitrate<br>7757-79-1 (>95) |                     |                   |                       | DNEL = 20 mg/kg/day |

| Component         | Acute effects local<br>(Inhalation) | Acute effects<br>systemic (Inhalation) | Chronic effects local<br>(Inhalation) | Chronic effects systemic (Inhalation) |
|-------------------|-------------------------------------|--|---------------------------------------|---------------------------------------|
| Potassium nitrate |                                     |  |                                       | DNEL = 36.7 mg/m <sup>3</sup>         |
| 7757-79-1 (>95)   |                                     |  |                                       |                                       |

#### Predicted No Effect Concentration (PNEC)

See values below.

| Component                              | Fresh water      | Fresh water<br>sediment | Microorganisms in<br>sewage treatment | , |
|--|------------------|-------------------------|---------------------------------------|---|
| Potassium nitrate<br>7757-79-1 ( >95 ) | PNEC = 0.45 mg/l |                         | PNEC = 18mg/L                         |   |

| Component                              | Marine water      | Marine water<br>sediment | Marine water<br>intermittent | Food chain | Air |
|--|-------------------|--------------------------|------------------------------|------------|-----|
| Potassium nitrate<br>7757-79-1 ( >95 ) | PNEC = 0.045 mg/l |                          | PNEC = 4.5 mg/l              |            |     |

#### 8.2. Exposure controls

#### Engineering Measures

**Hand Protection** 

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Personal protective equipment

Eye Protection

Protective gloves

|                          | <b>kthrough time</b><br>480 minutes | Glove thickness<br>0.5 mm | EU standard<br>EN 374 Level 6 | Glove comments<br>As tested under EN374-3 Determination of<br>Resistance to Permeation by Chemicals |
|--------------------------|-------------------------------------|---------------------------|-------------------------------|---|
| Skin and body protection | Long sle                            | eved clothing.            |                               |   |

Wear safety glasses with side shields (or goggles) (European standard - EN 166)

Inspect gloves before use.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information)

Ensure gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

Remove gloves with care avoiding skin contamination.

| Respiratory Protection    | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.   |
|---------------------------|--|
| Large scale/emergency use | Use a NIOSH/MSHA or European Standard EN 136 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced <b>Recommended Filter type:</b> Particulates filter conforming to EN 143 |

Potassium nitrate

Small scale/Laboratory use

Maintain adequate ventilation No personal respiratory protective equipment normally required

**Environmental exposure controls** No information available.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

#### 9.1. Information on basic physical and chemical properties

| Physical State                       | Solid                    |                                   |
|--------------------------------------|--------------------------|-----------------------------------|
| Appearance                           | White                    |                                   |
| Odor                                 | Odorless                 |                                   |
| Odor Threshold                       | No data available        |                                   |
| Melting Point/Range                  | 334 °C / 633.2 °F        |                                   |
| Softening Point                      | No data available        |                                   |
| Boiling Point/Range                  | 400 °C / 752 °F          | @ 760 mmHg                        |
| Flammability (liquid)                | Not applicable           | Solid                             |
| Flammability (solid,gas)             | Not flammable            |                                   |
| Explosion Limits                     | No data available        |                                   |
| Flash Point                          | No information available | Method - No information available |
| Autoignition Temperature             | No data available        |                                   |
| Decomposition Temperature            | > 400°C                  |                                   |
| pH                                   | 6-8                      | 5% aq. solution                   |
| Viscosity                            | Not applicable           | Solid                             |
| Water Solubility                     | Soluble                  |                                   |
| Solubility in other solvents         | No information available |                                   |
| Partition Coefficient (n-octanol/wat | er)                      |                                   |
| Vapor Pressure                       | No data available        |                                   |
| Density / Specific Gravity           | 2.1 @ 20 °C              | Literature reference              |
| Bulk Density                         | No data available        |                                   |
| Vapor Density                        | Not applicable           | Solid                             |
| Particle characteristics             | No data available        |                                   |
|                                      |                          |                                   |

#### 9.2. Other information

| Molecular Formula    | K N O3                 |
|----------------------|------------------------|
| Molecular Weight     | 101.1                  |
| Oxidizing Properties | Oxidizer               |
| Evaporation Rate     | Not applicable - Solid |

## **SECTION 10: STABILITY AND REACTIVITY**

| 10.1. Reactivity                                | ; Yes Oxidizer: Contact with combustible/organic material may cause fire  |
|---|---|
| 10.2. Chemical stability                        | Oxidizer: Contact with combustible/organic material may cause fire.       |
| 10.3. Possibility of hazardous react            | ions  |
| Hazardous Polymerization<br>Hazardous Reactions | Hazardous polymerization does not occur.<br>None under normal processing. |
| 10.4. Conditions to avoid                       |   |

Potassium nitrate

Avoid dust formation. Excess heat. Combustible material. Incompatible products.

10.5. Incompatible materials

Strong reducing agents. Strong acids. Combustible material.

10.6. Hazardous decomposition products

Potassium oxides. Nitrogen oxides (NOx).

## SECTION 11: TOXICOLOGICAL INFORMATION

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

**Product Information** 

(a) acute toxicity; Oral Based on available Dermal Based on available Inhalation Based on available

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

| Component         | LD50 Oral               | LD50 Dermal        | LC50 Inhalation      |
|-------------------|-------------------------|--------------------|----------------------|
| Potassium nitrate | LD50 = 3015 mg/kg (Rat) | > 5000 mg/kg (Rat) | >0.527 mg/l 4h (Rat) |

| (b) skin corrosion/irritation;   | Based on available data, the classification criteria are not met  |
|--|---|
| (c) serious eye damage/irritation;<br>Test method<br>Test species<br>Observation end point | Based on available data, the classification criteria are not met<br>OECD 405<br>rabbit<br>No eye irritation                               |
| (d) respiratory or skin sensitization<br>Respiratory<br>Skin                               | ;<br>Based on available data, the classification criteria are not met<br>Based on available data, the classification criteria are not met |
| (e) germ cell mutagenicity;  | Based on available data, the classification criteria are not met  |
|  | Did not show mutagenic effects in animal experiments  |
| (f) carcinogenicity;   | Based on available data, the classification criteria are not met  |
|  | The table below indicates whether each agency has listed any ingredient as a carcinogen   |
|  |   |
| (g) reproductive toxicity;<br>Reproductive Effects   | Based on available data, the classification criteria are not met<br>Animal testing did not show any effects on fertility.                 |
|  |   |
| (h) STOT-single exposure;  | Based on available data, the classification criteria are not met  |
|  |   |
| (i) STOT-repeated exposure;  | Based on available data, the classification criteria are not met  |
| Test method  | OECD Test Guideline 422   |
| Study result<br>Target Organs  | NOAEL = 1500 mg/kg bw/day<br>None known.  |

Potassium nitrate

(j) aspiration hazard;

Not applicable Solid

Symptoms / effects, both acute and No information available. delayed

11.2. Information on other hazards

**Endocrine Disrupting Properties** Assess endocrine disrupting properties for human health. This product does not contain any known or suspected endocrine disruptors.

### SECTION 12: ECOLOGICAL INFORMATION

## 12.1. Toxicity

Ecotoxicity effects

This product contains the following substance(s) which are hazardous for the environment. .

| Component         | Freshwater Fish      | Water Flea          | Freshwater Algae          |
|-------------------|----------------------|---------------------|---------------------------|
| Potassium nitrate | 1378 mg/l LC50 (96h) | 490 mg/l EC50 (48h) | > 1700 mg/l EC50 (10 day) |

| 12.2. Persistence and degradability<br>Persistence<br>Degradability                             | Soluble in water, Persistence is unlikely, based on information available.<br>Not relevant for inorganic substances.                                       |
|---|--|
| 12.3. Bioaccumulative potential   | Bioaccumulation is unlikely  |
| <u>12.4. Mobility in soil</u>   | The product is water soluble, and may spread in water systems Will likely be mobile in the environment due to its water solubility. Highly mobile in soils |
| 12.5. Results of PBT and vPvB<br>assessment   | Results of PBT and vPvB assessment. In accordance with Annex XIII of the REACH Regulation, inorganic substances do not require assessment.                 |
| <u>12.6. Endocrine disrupting</u><br>properties<br>Endocrine Disruptor Information              | This product does not contain any known or suspected endocrine disruptors  |
| <u>12.7. Other adverse effects</u><br>Persistent Organic Pollutant<br>Ozone Depletion Potential | This product does not contain any known or suspected substance<br>This product does not contain any known or suspected substance                           |

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### 13.1. Waste treatment methods

| Waste from Residues/Unused<br>Products | Waste is classified as hazardous. Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations. |
|--|--|
| Contaminated Packaging                 | Dispose of this container to hazardous or special waste collection point.  |
| European Waste Catalogue (EWC)         | According to the European Waste Catalog, Waste Codes are not product specific, but application specific.   |

**Potassium nitrate** 

**Other Information** 

Waste codes should be assigned by the user based on the application for which the product was used. Do not empty into drains.

## **SECTION 14: TRANSPORT INFORMATION**

#### IMDG/IMO

| <u>14.1. UN number</u><br><u>14.2. UN proper shipping name</u><br><u>14.3. Transport hazard class(es)</u><br>14.4. Packing group        | UN1486<br>POTASSIUM NITRATE<br>5.1<br>III |
|---|---|
| ADR   |   |
| <u>14.1. UN number</u><br><u>14.2. UN proper shipping name</u><br><u>14.3. Transport hazard class(es)</u><br><u>14.4. Packing group</u> | UN1486<br>POTASSIUM NITRATE<br>5.1<br>III |
| IATA  |   |
| 14.1. UN number<br>14.2. UN proper shipping name<br>14.3. Transport hazard class(es)<br>14.4. Packing group                             | UN1486<br>POTASSIUM NITRATE<br>5.1<br>III |
| 14.5. Environmental hazards   | No hazards identified                     |
| 14.6. Special precautions for user  | No special precautions required.          |
| 14.7. Maritime transport in bulk according to IMO instruments   | Not applicable, packaged goods            |

### **SECTION 15: REGULATORY INFORMATION**

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

#### International Inventories

Europe (EINECS/ELINCS/NLP), China (IECSC), Taiwan (TCSI), Korea (KECL), Japan (ENCS), Japan (ISHL), Canada (DSL/NDSL), Australia (AICS), New Zealand (NZIoC), Philippines (PICCS). US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

| Component         | CAS No    | EINECS    | ELINCS                         | NLP | IECSC | TCSI | KECL     | ENCS  | ISHL  |
|-------------------|-----------|-----------|--------------------------------|-----|-------|------|----------|-------|-------|
| Potassium nitrate | 7757-79-1 | 231-818-8 | -                              | -   | Х     | Х    | KE-29163 | Х     | Х     |
|                   |           |           |                                |     |       |      |          |       |       |
| Component         | CAS No    | TSCA      | TSCA In<br>notific<br>Active-I |     | DSL   | NDSL | AICS     | NZIoC | PICCS |
| Potassium nitrate | 7757-79-1 | Х         | ACT                            | IVE | Х     | -    | Х        | Х     | Х     |

Legend: X - Listed '-' - Not Listed KECL - NIER number or KE number (http://ncis.nier.go.kr/en/main.do)

#### Authorisation/Restrictions according to EU REACH

Not applicable

#### **Potassium nitrate**

| Component         | CAS No    | REACH (1907/2006) -<br>Annex XIV - Substances<br>Subject to Authorization | 5 | REACH Regulation (EC<br>1907/2006) article 59 -<br>Candidate List of<br>Substances of Very High<br>Concern (SVHC) |
|-------------------|-----------|---|---|---|
| Potassium nitrate | 7757-79-1 | -   | - | -   |

#### Seveso III Directive (2012/18/EC)

| Component         | CAS No    | Seveso III Directive (2012/18/EC) -<br>Qualifying Quantities for Major Accident | Seveso III Directive (2012/18/EC) -<br>Qualifying Quantities for Safety Repo |  |
|-------------------|-----------|---|--|--|
|                   |           | Notification  | Requirements   |  |
| Potassium nitrate | 7757-79-1 | Not applicable  | Not applicable   |  |

# Regulation (EC) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of dangerous chemicals

Not applicable

#### Contains component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS)? Not applicable

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

#### **National Regulations**

UK - Take note of Control of Substances Hazardous to Health Regulations (COSHH) 2002 and 2005 Amendment

#### WGK Classification

See table for values

| Component         | Germany - Water Classification (AwSV) | Germany - TA-Luft Class |
|-------------------|---------------------------------------|-------------------------|
| Potassium nitrate | WGK1                                  |                         |

#### 15.2. Chemical safety assessment

A Chemical Safety Assessment/Report (CSA/CSR) has been conducted by the manufacturer/importer

#### **SECTION 16: OTHER INFORMATION**

#### Full text of H-Statements referred to under sections 2 and 3

H272 - May intensify fire; oxidizer

#### Legend

| CAS - Chemical Abstracts Service                                   | TSCA - United States Toxic Substances Control Act Section 8(b) |
|--|--|
|  | Inventory  |
| EINECS/ELINCS - European Inventory of Existing Commercial Chemical | DSL/NDSL - Canadian Domestic Substances List/Non-Domestic      |
| Substances/EU List of Notified Chemical Substances                 | Substances List  |
| PICCS - Philippines Inventory of Chemicals and Chemical Substances | <b>ENCS</b> - Japanese Existing and New Chemical Substances    |
| IECSC - Chinese Inventory of Existing Chemical Substances          | AICS - Australian Inventory of Chemical Substances             |
| KECL - Korean Existing and Evaluated Chemical Substances           | NZIOC - New Zealand Inventory of Chemicals                     |

| WEL - Workplace Exposure Limit<br>ACGIH - American Conference of Governmental Industrial Hygienists<br>DNEL - Derived No Effect Level<br>RPE - Respiratory Protective Equipment<br>LC50 - Lethal Concentration 50%<br>NOEC - No Observed Effect Concentration<br>PBT - Persistent, Bioaccumulative, Toxic  | <ul> <li>TWA - Time Weighted Average</li> <li>IARC - International Agency for Research on Cancer</li> <li>Predicted No Effect Concentration (PNEC)</li> <li>LD50 - Lethal Dose 50%</li> <li>EC50 - Effective Concentration 50%</li> <li>POW - Partition coefficient Octanol:Water</li> <li>vPvB - very Persistent, very Bioaccumulative</li> </ul> |
|--|--|
| ADR - European Agreement Concerning the International Carriage of<br>Dangerous Goods by RoadIMO/IMDG - International Maritime Organization/International Maritime<br>Dangerous Goods CodeOECD - Organisation for Economic Co-operation and Development<br>BCF - Bioconcentration factorKey literature references and sources for data<br>https://echa.europa.eu/information-on-chemicals | ICAO/IATA - International Civil Aviation Organization/International Air<br>Transport Association<br>MARPOL - International Convention for the Prevention of Pollution from<br>Ships<br>ATE - Acute Toxicity Estimate<br>VOC - (Volatile Organic Compound)  |

Suppliers safety data sheet, Chemadvisor - LOLI, Merck index, RTECS

#### **Training Advice**

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

Use of personal protective equipment, covering appropriate selection, compatibility, breakthrough thresholds, care, maintenance, fit and standards.

First aid for chemical exposure, including the use of eye wash and safety showers.

| Creation Date    | 05-Aug-2010     |
|------------------|-----------------|
| Revision Date    | 09-Sep-2024     |
| Revision Summary | Not applicable. |

# This safety data sheet complies with Regulation UK SI 2019/758 and UK SI 2020/1577 as amended.

Disclaimer

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

## **End of Safety Data Sheet**