# SULFAMMO 26 N-PROCESS

## Product Safety Information Sheet

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis
SDS Reference Number: I17246
Issue date: 24/11/2014 Revision date: 12/12/2023 Supersedes version of: 15/04/2020 Version: 3.1

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

### 1.1. Product identifier

| | | |
|---|---|---|
| Product form | : | Mixture |
| Trade name | : | SULFAMMO 26 N-PROCESS |
| Product code | : | 02600001 |
| Type of product | : | Fertilizer |
| Product group | : | Trade product |

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

#### Relevant identified uses

| | | |
|---|---|---|
| Main use category | : | Professional use |
| Use of the substance/mixture | : | Agriculture |
| Function or use category | : | Fertilisers |

### 1.3. Details of the supplier of product safety information sheet

**Distributor**
TIMAC AGRO United Kingdom Ltd
Daniel Hall Building
Rothamsted
GB AL5 2JQ HARPENDEN
UNITED KINGDOM
T +44 (0) 1582 958 444
info-fds@roullier.com

**Manufacturer**
TIMAC AGRO
27 avenue Franklin Roosevelt
BP 70158
FR 35400 Saint-Malo
FRANCE
T +33 2 99 20 65 20
taf.fds.info@timacagro.com, www.timacagro.fr

### 1.4. Emergency telephone number

| Country/Area | Organisation/Company | Address | Emergency number | Comment |
|---|---|---|---|---|
| Europe/Middle-East/Africa | 3E | | +1-760-476-3961 (Access code : 333021) | (24/7) |
| 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 | |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Not classified

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

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

No labelling applicable

### 2.3. Other hazards

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

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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 substance(s) are 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

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

## 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 measures after inhalation : Move to fresh air in case of accidental inhalation. Seek medical attention if ill effect develops.

First-aid measures after skin contact : Wash skin with plenty of water and soap. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse thoroughly and plentifully with water, also under the eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist.

First-aid measures after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting without medical advice. Seek medical attention if ill effect develops.

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

Symptoms/effects : see section(s) : 2.1/2.3).

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : water, carbon dioxide (CO2), powder and foam. Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : None known.

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

Fire hazard : Not flammable.

Explosion hazard : No direct explosion hazard.

Hazardous decomposition products in case of fire : fume.

### 5.3. Advice for firefighters

Precautionary measures fire : Evacuate area. Eliminate all ignition sources if safe to do so.

Firefighting instructions : Contain the extinguishing fluids by bunding.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Complete protective clothing. EN 469. Self-contained breathing apparatus.

Other information : Relevant water authorities should be notified of any large spillage to water course or drain.

## SECTION 6: Accidental release measures

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

General measures : Evacuate area.

### For non-emergency personnel

| | | |
|---|---|---|
| Emergency procedures | : | Avoid contact with eyes. Do not breathe dust. Evacuate unnecessary personnel. Mark the danger area. Mechanically ventilate the spillage area. Only qualified personnel equipped with suitable protective equipment may intervene. |

### For emergency responders

| | | |
|---|---|---|
| Protective equipment | : | Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : | Ventilate area. Stop leak if safe to do so. Dike and contain spill. |

## 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

| | | |
|---|---|---|
| For containment | : | Collect spillage. |
| Methods for cleaning up | : | Clean up immediately by sweeping or vacuum. Minimise generation of dust. Collect up the product and place it in a spare container suitably labelled. |
| Other information | : | Dispose of materials or solid residues at an authorized site. |

## 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

# SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

| | | |
|---|---|---|
| Precautions for safe handling | : | Ensure good ventilation of the work station. Do not breathe dust. Avoid contact with eyes. Use personal protective equipment as required. |
| Hygiene measures | : | Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice. |

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

| | | |
|---|---|---|
| Technical measures | : | Comply with applicable regulations. |
| Storage conditions | : | Store in dry, cool, well-ventilated area. Protect from moisture. Keep out of reach of children. |
| Incompatible products | : | Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity. |
| Storage temperature | : | Store at ambient temperature |
| Heat and ignition sources | : | Keep away from open flames, hot surfaces and sources of ignition. |
| Information on mixed storage | : | Keep away from food, drink and animal feeding stuffs. |
| Special rules on packaging | : | Keep only in original container. Store in a closed container. |

## 7.3. Specific end use(s)

see section(s) : 1.2. Relevant identified uses of the substance or mixture and uses advised against).

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

No additional information available

## 8.2. Exposure controls

### Appropriate engineering controls

**Appropriate engineering controls:**
Ensure good ventilation of the work station. Local exhaust and general ventilation must be adequate to meet exposure standards.

### Personal protection equipment

**Personal protective equipment symbol(s):**



### Eye and face protection

**Eye protection:**

Safety glasses with side guards should be worn to prevent injury from airborne particles and/or other eye contact with this product

| Eye protection | | | |
|---|---|---|---|
| **Type** | **Field of application** | **Characteristics** | **Standard** |
| Safety goggles | Droplet | With side shields | EN 166 |

### Skin protection

**Skin and body protection:**

Skin protection appropriate to the conditions of use should be provided. In case of repeated or prolonged contact wear gloves

| Skin and body protection | |
|---|---|
| **Type** | **Standard** |
| Gloves | EN 374 |

### Respiratory protection

**Respiratory protection:**

Where excessive dust may result, wear approved mask

| Respiratory protection | | | |
|---|---|---|---|
| **Device** | **Filter type** | **Condition** | **Standard** |
| Dust mask | Type P2 | Dust protection | EN 136, EN 140 |

### Environmental exposure controls

**Environmental exposure controls:**

Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Assure that emissions are compliant with all applicable air pollution control regulations. Comply with applicable regulations.

**Other information:**

See Section 7 : 7.1. Precautions for safe handling.

## SECTION 9: Physical and chemical properties

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

| | | |
|---|---|---|
| Physical state | : | Solid |
| Colour | : | Brown. |
| Appearance | : | Granulate. |
| Odour | : | Not available |
| Odour threshold | : | Not available |
| Melting point | : | Not available |
| Freezing point | : | Not available |
| Boiling point | : | Not available |
| Flammability | : | In case of excessive dust production : Dust may form flammable and explosive mixture with air |
| Explosive properties | : | Product is not explosive. |
| Oxidising properties | : | Non oxidizing material according to EC criteria. |
| Lower explosion limit | : | Not applicable |
| Upper explosion limit | : | Not applicable |

| | | |
|---|---|---|
| Flash point | : | Not applicable |
| Auto-ignition temperature | : | Not applicable |
| Decomposition temperature | : | Not available |
| pH | : | 6 – 9 |
| pH solution concentration | : | 10 % Water |
| Viscosity, kinematic | : | Not applicable |
| Solubility | : | Not available |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available |
| Vapour pressure | : | Not available |
| Vapour pressure at 50°C | : | Not available |
| Density | : | 850 – 1050 kg/m³ |
| Relative density | : | Not available |
| Relative vapour density at 20°C | : | Not applicable |
| Particle size | : | Not available |

### 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 in use and storage conditions as recommended in item 7.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Strong acids. Strong bases. oxidizing agents (peroxides, chromates, dichromates). Reducing agents.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. In case of fire: See Section 5.

## SECTION 11: Toxicological information

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

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (dermal) | : | Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : | Not classified (Based on available data, the classification criteria are not met) |
| Additional information | : | No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation |
| Skin corrosion/irritation | : | Not classified (Based on available data, the classification criteria are not met)<br>pH: 6 – 9 |
| Additional information | : | No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation |
| Serious eye damage/irritation | : | Not classified (Based on available data, the classification criteria are not met)<br>pH: 6 – 9 |

| | | |
|---|---|---|
| Additional information | : | No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation |
| Respiratory or skin sensitisation | : | Not classified (Based on available data, the classification criteria are not met) |
| Additional information | : | No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation |
| Germ cell mutagenicity | : | Not classified (Based on available data, the classification criteria are not met) |
| Additional information | : | No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation |
| Carcinogenicity | : | Not classified (Based on available data, the classification criteria are not met) |
| Additional information | : | No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation |
| Reproductive toxicity | : | Not classified (Based on available data, the classification criteria are not met) |
| Additional information | : | No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation |
| STOT-single exposure | : | Not classified (Based on available data, the classification criteria are not met) |
| Additional information | : | No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation |
| STOT-repeated exposure | : | Not classified (Based on available data, the classification criteria are not met) |
| Additional information | : | No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation |
| Aspiration hazard | : | Not classified (Based on available data, the classification criteria are not met) |
| Additional information | : | No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation |

### 11.2. Information on other hazards

#### Endocrine disrupting properties

| | | |
|---|---|---|
| Adverse health effects caused by endocrine disrupting properties | : | The substance/mixture has no endocrine disrupting properties. |

#### Other information

| | | |
|---|---|---|
| Other information | : | Mixture does not contain substance (s) classified as PBT or vPvB in concentrations above 0,1%. |

## 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. |
| Ecology - water | : | Do not allow large quantities, as are, to spread into the environment. Do not discharge into drains or rivers. |
| Hazardous to the aquatic environment, short–term (acute) | : | Not classified (Based on available data, the classification criteria are not met; No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation) |
| Hazardous to the aquatic environment, long–term (chronic) | : | Not classified (Based on available data, the classification criteria are not met; No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation) |

### 12.2. Persistence and degradability

| SULFAMMO 26 N-PROCESS | |
|---|---|
| Persistence and degradability | Not established. |

### 12.3. Bioaccumulative potential

| SULFAMMO 26 N-PROCESS | |
|---|---|
| Bioaccumulative potential | Not established. |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : 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 substance(s) are 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 %.

### 12.7. Other adverse effects

Other adverse effects : May cause eutrophication at very low concentration.

| SULFAMMO 26 N-PROCESS | |
|---|---|
| Other information | No other effects known |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Discharging into rivers and drains is forbidden.

Additional information : Do not re-use empty containers.

European List of Waste (LoW, EC 2000/532) : 02 01 09 - agrochemical waste other than those mentioned in 02 01 08

## 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 regulated for transport | | | | |
| **14.2. UN proper shipping name** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| **14.3. Transport hazard class(es)** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| **14.4. Packing group** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.5. Environmental hazards** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| No supplementary information available | | | | |

### 14.6. Special precautions for user

**Overland transport**

Not regulated

**Transport by sea**

Not regulated

**Air transport**

Not regulated

**Inland waterway transport**

Not regulated

**Rail transport**

Not regulated

### 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 (2024/590)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

**Council Regulation (EC) for the control of dual-use items**

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

**Explosives Precursors Regulation (EU 2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (EC 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**

Ensure all national/local regulations are observed

### 15.2. Chemical safety assessment

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

## SECTION 16: Other information

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

| Indication of changes | | |
|---|---|---|
| **Section** | **Changed item** | **Comments** |
| 11.2. | Adverse health effects caused by endocrine disrupting properties | **Modified** |
| 12.6 | Adverse effects on the environment caused by endocrine disrupting properties | **Modified** |
| 15 | Regulatory reference | **Modified**<br>SDS EU format according to COMMISSION REGULATION (EU) 2020/878 |

| Abbreviations and acronyms: | |
|---|---|
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| LC50 | Median lethal concentration |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC50 | Median effective concentration |
| ATE | Acute Toxicity Estimate |
| SDS | Safety Data Sheet |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| 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 |
| OECD | Organisation for Economic Co-operation and Development |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| vPvB | Very Persistent and Very Bioaccumulative |

Data sources : Section 1.2, 8.1, 11 & 12 are based on components' Chemical Safety Report and/or datas from components' supplier.

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.