

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

1.1. Product identifier

Product form : Mixture
Name : N-PROCESS SULFAMMO 30
Product code : S30NPROC

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Fertilizer

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

TIMAC AGRO USA, INC
P.O. Box 888 - Route 724 & I-176
READING - USA
T 1-800-545-5474
info-fds@roullier.com

Manufacturer

TIMAC AGRO
27 avenue Franklin Roosevelt
35408 Saint-Malo cedex - FRANCE
T +33 2 99 20 65 20
info-fds@roullier.com - www.roullier.com

1.4. Emergency telephone number

| Country | Official advisory body | Address | Emergency number |
|---------------------------|------------------------------------|---------|---|
| Europe/Middle-East/Africa | 3E (24h/7d) | | +1-760-476-3961 (Access code : 333021) |
| USA | USA POISON CONTROL CENTER (24h/7d) | | 1-800-222-1222 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

2.2. Label elements

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

No labelling applicable

2.3. Other hazards

Other hazards not contributing to the classification : Can stimulate algae growth.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

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 after inhalation : Remove the victim into fresh air. If you feel unwell, seek medical advice.
First-aid measures after skin contact : Wash with plenty of soap and water. If on skin and if skin irritation occurs, seek medical advice and attention.

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- First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Consult an eye specialist if an irritation appears.
- First-aid measures after ingestion : Give water to drink if victim completely conscious/alert. If you feel unwell, seek medical advice.

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray. AFFF foam. CO2.
- Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Non combustible.

5.3. Advice for firefighters

- Other information : Avoid pouring fire water down the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Where contact with eyes or skin is likely, wear suitable protection. Concerning personal protective equipment to use, see item 8.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent soil and water pollution.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Collect spillage. Carefully collect remainder. Scoop absorbed substance into closing containers. This material and its container must be disposed of in a safe way, and as per local legislation. Clean contaminated surfaces with an excess of water.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Not necessary under the recommended storage and handling conditions.

7.2. Conditions for safe storage, including any incompatibilities

- Storage area : Store in a dry area. Store at ambient temperature. Store away from heat/moisture.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

- Additional information : No study has been carried out for the moment on this mixture.

8.2. Exposure controls

- Hand protection : butyl rubber gloves. Latex gloves
- Eye protection : Use splash goggles when eye contact due to splashing is possible
- Skin and body protection : No special clothing/skin protection equipment is recommended under normal conditions of use
- Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation
- Other information : Wash hands after working with the product. If on skin, take off contaminated clothing. Do not drink, eat or smoke in the workplace.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-------------------------------|
| Physical state | : Solid |
| Colour | : Off white. |
| Odour | : odourless. |
| Odour threshold | : Not applicable |
| pH | : No data available |
| pH solution | : 7 - 9 |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Melting point | : > 780 °C |
| Freezing point | : No data available |
| Boiling point | : Not applicable |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Density | : 850 - 950 kg/m ³ |
| Solubility | : No data available |
| Log Pow | : Not determined |
| Log Kow | : Not determined |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : Not applicable. |
| Oxidising properties | : No data available |
| Explosive limits | : Not applicable |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

None under normal use.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

In the event of fire: see chapter 5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------------|--|
| Acute toxicity | : Due to the composition of the mixture is not classified as toxic by the oral route (conventional method) |
| Skin corrosion/irritation | : Not classified No study has been carried out for the moment on this mixture. |
| Serious eye damage/irritation | : Not classified No study has been carried out for the moment on this mixture. |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |

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| | |
|--|--|
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : If swallowed : irritation of the gastric/intestinal mucosa |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No study has been carried out for the moment on this mixture.

12.2. Persistence and degradability

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| | |
|-------------------------------|---|
| Persistence and degradability | No study has been carried out for the moment on this mixture. |
|-------------------------------|---|

12.3. Bioaccumulative potential

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| | |
|---------|----------------|
| Log Pow | Not determined |
| Log Kow | Not determined |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|-------------------------|--|
| Waste treatment methods | : Dispose in a safe manner in accordance with local/national regulations. |
| Additional information | : Disposal by incineration or reuse of the material through recycling after cleansing of product residues. Recycling or incineration by an approved company. |

SECTION 14: Transport information

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

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

| | |
|-----------------------------|------------------|
| Proper Shipping Name (ADR) | : Not applicable |
| Proper Shipping Name (IMDG) | : Not applicable |
| Proper Shipping Name (IATA) | : Not applicable |
| Proper Shipping Name (ADN) | : Not applicable |
| Proper Shipping Name (RID) | : Not applicable |

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

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14.4. Packing group

| | |
|----------------------|------------------|
| Packing group (ADR) | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : Not applicable |
| Packing group (ADN) | : Not applicable |
| Packing group (RID) | : Not applicable |

14.5. Environmental hazards

| | |
|-------------------------------|--|
| Dangerous for the environment | : No |
| Marine pollutant | : No |
| Other information | : No supplementary information available |

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

Not subject to ADN : No

- Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Other information, restriction and prohibition regulations : All the constituents of this preparation are registered in the EINECS inventory or in the ELINCS list.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

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Other information : according to Regulation (EC) No. 1907/2006 (REACH). according to Regulation (EC) No. 453/2010.

SDS EU (REACH Annex II)

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