

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

Product name: RustiQ & OxiQ Activator
Product description: Activator for decorative rust and oxidized copper technique.
UFI number: Not applicable.

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

Relevant identified uses: Activator for decorative rust and oxidized copper technique.
Uses advised against: No further relevant information available.

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

Anc. Ets. Stoopen & Meeûs
Van Praetstraat, 22
2660 Hoboken - Belgium
Tel.: 0032 3 825 00 55
[E-mail: info@stoopen-meeus.com](mailto:info@stoopen-meeus.com)
www.stoopen-meeus.com

1.4. Emergency telephone number:

NPC : 0032 (0) 70 245 245

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 (CLP):
Eye Irritation. 2; H319 - causes serious eye irritation.
Aquatic Chronic 3, H412 – harmful to aquatic life with long-lasting effects

2.2. Label elements:

Label elements according to (EU) n°1272/2008 (CLP):

Hazard pictogram((CLP)	 GHS07		
Signal word; (CLP)	Warning		
Class/category	Aquatic Acute 1	Aquatic Chronic 3	

Hazard statements (CLP):

H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long-lasting effects

Precautionary statements (CLP):

P102 : Keep out of reach of children.
P264: Wash hands thoroughly after handling
P280: Wear protective gloves.
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.
P501: Dispose of contents/container to an authorized waste recipient

2.3. Other hazards:

PBT, vPvB, SVHC or ED criteria:

The article does not contain any ingredients at levels of 0.1% by weight or higher:

- which meet the PBT or vPvB criteria of Annex XIII to Regulation (EC) No 1907/2006
- which were included in the list established in Article 59(1) for having endocrine disrupting properties
- which were identified as having endocrine disrupting properties in accordance with the criteria set out in (EU) 2017/2100 or (EU) 2018/605.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:

Chemical description:

Inapplicable.

3.2. Mixture:

Chemical description:

Mixture of water and additives.

Component REACH registration n°	CAS n°	EINECS n°	Conc. %	Classification according to Regulation (EU) Nr. 1272/2008 [CLP]
Ammoniumchloride (<1t/year)	12125-02-9	235-186-4	2-4	Acute Tox. ,4 - H302 Eye irritation, 2 - H319
Copper sulphate pentahydrate 01-2119520566-40-XXXX	7758-99-8	616-477-9	1-2	Acute Tox. 4 – H302 Eye Dam. 1 – H318 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410

4. FIRST AID MEASURES

4.1. Description of first aid measures:

General advice:

In case of accident of feeling unwell, seek medical advice immediately and show this document.

Inhalation:

Move exposed person to fresh air. Get medical attention if irritation/discomfort occurs.

Ingestion:

Rinse mouth thoroughly with water and drink plenty of water. Get medical attention if irritation/discomfort occurs. Do not give anything to drink to someone who is unconscious.

Skin contact:

Wash skin thoroughly with water and soap. Get medical attention if irritation/discomfort occurs.

Eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation/discomfort occurs.

Personal protective equipment for first responders:

Provide adequate ventilation. Avoid dust formation. Wear protective equipment and clothes.

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

No further relevant information available.

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

Symptomatic treatment.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing agent:

In case of fire, use water spray, foam, powder or CO₂, according the surrounding area.

5.2. Special hazards arising from the substance or mixture:

No further relevant information available.

5.3. Advice for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel:

Ensure adequate ventilation. Avoid formation of dust. Wear protective equipment and clothing.

6.1.2. For emergency responders:

Ensure adequate ventilation. Avoid formation of dust. Wear protective equipment and clothing.

6.2. Environmental precautions:

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3. Methods and materials for containment and cleaning up:

Vacuum or sweep up material and place in a designated, labeled waste container.
Dispose of via a licensed waste disposal contractor.

6.4. Reference to other sections:

For personal protective equipment and for waste disposal see sections 8 and 13 respectively.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling:

Precautions on safe handling:

Wear personal protective equipment. Avoid handling which leads to dust formation. Avoid breathing dust.

Hygiene measures:

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Advice on protection against fire and explosion:

Avoid dust formation. Observe the general rules of industrial fire protection.

7.2. Conditions for safe storage, including any incompatibilities:

Requirements for storage areas and containers:

No special measures required. Store in tightly closed container in a dry, cool and well-ventilated place.

Advice on common storage:

No restrictions on storage with other products.

Further information about storage conditions:

Store in dry conditions.

7.3. Specific end uses:

See section 1. No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

8.1.1. National occupational exposure and biological limit values:

Component	CAS n°	Value type	Control parameter	Remarks
Ammoniumchloride	12125-02-9	10 mg/m ³	Limit value 8h	

8.1.2. Recommended monitoring procedures:

No additional information available.

8.1.3. Air contaminants formed:

No additional information available.

8.1.4. DNEL and PNEC:

No additional information available.

8.1.5. Control banding:

No additional information available.

8.2. Exposure controls:

8.2.1. Appropriate engineering controls:

Ensure good ventilation.

8.2.2. Personal protection equipment:

8.2.2.1. Eye and face protection:

Safety glasses with side-shields.

8.2.2.2. Skin protection:

Skin/ body protection:

Wear appropriate protective clothing to prevent repeated or prolonged skin contact.

Hand protection:

Wear protective gloves.

8.2.2.3. Respiratory protection:

Dust-protection mask P2 in case of insufficient ventilation.

8.2.2.4. Thermal hazards:

Not applicable.

8.2.3. Environmental exposure controls:

No special environmental precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical properties:

Physical state	Liquid.
Color	Blue.
Odour	Odorless
Melting point	No data available.
Freezing point	No data available.
Flammability	No data available.
Explosive limits:	No data available.
Lower explosive limit (LEL)	No data available.
Upper explosive limit (UEL)	No data available.
Flash point	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
pH	6-7 [Conc. (% w/w): 5%]
Viscosity, kinematic	No data available.
Solubility	Mixable in water.
Partition coefficient n-octanol/water (Log Kow)	Not applicable.
Vapour pressure	No data available.
Density	No data available.
Relative density	No data available.
Relative vapour density at 20 °C	No data available.
Particle size	No data available.
Particle size distribution	No data available.
Particle shape	No data available.
Particle aspect ratio	No data available.
Particle aggregation state	No data available.
Particle agglomeration state	No data available.
Particle specific surface area	No data available.
Particle dustiness	No data available.

9.2. Other information:

9.2.1. Information with regard to physical hazard classes:

No further relevant information available.

9.2.2. Other safety characteristics:

No further relevant information available.

10. STABILITY AND REACTIVITY

10.1. Reactivity:

Stable under normal storage conditions.

10.2. Chemical stability:

No decomposition if stored and applied under normal conditions.

10.3. Possibility of hazardous reactions:

No dangerous reactions known.

10.4. Conditions to avoid:

None under normal processing.

10.5. Incompatible materials:

No data available.

10.6. Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects according to Regulation (EU) n° 1272/2008:**

Acute toxicity (oral)	No data available.
Acute toxicity (dermal)	No data available.
Acute toxicity (inhalation)	No data available.
Skin corrosion/irritation	No data available.
Serious eye damage / irritation	Causes serious eye irritation
Respiratory or skin sensitisation	No data available.
Mutageniteit in geslachtscellen:	No data available.
Germ cell mutagenicity	No data available.
Reproductive toxicity	No data available.
STOT-single exposure	No data available.
STOT-repeated exposure	No data available.
Aspiration hazard	No data available.

11.2. Information on other hazards:**11.2.1. Endocrine disrupting properties:**

This product does not contain any ingredients at levels of 0.1% by weight or higher:

- which were included in the list established in Article 59(1) for having endocrine disrupting properties
- which were identified as having endocrine disrupting properties in accordance with the criteria set out in (EU) 2017/2100 or (EU) 2018/605.

11.2.2. Other information:

No further relevant information available.

12. ECOLOGICAL INFORMATION**12.1. Toxicity:****Aquatic toxicity:**

Ammonium chloride

Fish LC50: 42,91mg/l, 96h

Crustaceans EC50: 101mg/l, 48h

Algae ErC50: 1300mg/l, 5 dni

Algae EC50: 2700mg/l, 18 days

Copper sulfate pentahydrate

Fish LC50: 38,4µg/l, 96h

12.2. Persistence and degradability:

No data available.

12.3. Bio accumulative potential:

No data available.

12.4. Mobility in soil:

No data available.

12.5. Results of PTB and vPvB assessment:

PBT: No data available.

vPvB: No data available.

12.6. Endocrine disrupting properties:

This product does not contain any ingredients at levels of 0.1% by weight or higher

- which were included in the list established in Article 59(1) for having endocrine disrupting properties
- which were identified as having endocrine disrupting properties in accordance with the criteria set out in (EU) 2017/2100 or (EU) 2018/605.

12.7. Other adverse effects:

No data available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Product:

Dispose in accordance with all applicable local and national regulations.

Contaminated packaging:

Dispose in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

14.1. UN number:

ADR: Non-dangerous goods.

IMDG: Non-dangerous goods.

IATA: Non-dangerous goods.

14.2. UN proper shipping name:

ADR: Non-dangerous goods.

IMDG: Non-dangerous goods.

IATA: Non-dangerous goods.

14.3. Transport hazards class:

ADR: Non-dangerous goods.

IMDG: Non-dangerous goods.

IATA: Non-dangerous goods.

14.4. Packing group:

ADR: Non-dangerous goods.

IMDG: Non-dangerous goods.

IATA: Non-dangerous goods.

14.5. Environmental hazards:

ADR: Non-dangerous goods.

IMDG: Non-dangerous goods.

IATA: Non-dangerous goods.

14.6. Special precautions for user:

Non-dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and IBC Code:

Not applicable.

15. REGULATORY INFORMATION

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

- Datasheet according to Regulation EC n° 1907/2006 (REACH)
- Classification according EC Regulation 1272/2008 (CLP)
- Labeling (EU-GHS)

15.2. Chemical Safety Assessment:

Not applicable.

16. OTHER INFORMATION

Version: 1.0
Date of issue: 25 04 2023

This safety datasheet is based on our current knowledge and experience and describes the product in terms of safety requirements. This safety datasheet does not imply any guarantee as to composition, characteristics or application and does not constitute a legally binding contract. It is the responsibility of the user to apply to existing laws and regulations.