



The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

| | |
|-------------|------------|
| Date issued | 22.04.2021 |
|-------------|------------|

1.1. Product identifier

| | |
|--------------|-------------------|
| Product name | Green Concentrate |
|--------------|-------------------|

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

| | |
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| Function | Description: Flushing in environmentally sensitive areas. It dissolves oxidized (rust), salts, limestone algae etc. Can also be used for surface cleaning. |
| Product group | Cleaning agent |
| Uses advised against | Corrodes galvanized and zinc metallized metal and surfaces treated with zincethylsilicate. |
| Industrial use | Yes |
| Professional use | Yes |
| The chemical can be used by the general public | Yes |

1.3. Details of the supplier of the safety data sheet

| | |
|------------------|--|
| Company name | Nordic Green Products AS |
| Office address | Idrettsvegen 113B |
| Postcode | 5353 |
| City | STRAUME |
| Country | Norway |
| Telephone number | +47 56126100 |
| Email | post@ngproducts.no |
| Website | www.ngproducts.no |
| Enterprise No. | 916488890MVA |

1.4. Emergency telephone number

| | |
|---------------------|--|
| Emergency telephone | Telephone number: 113 |
| | Description: Ambulance |
| | Telephone number: 22 59 13 00 |
| | Description: Norwegian Poisoning Alarm Telephone |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--|--------------------|
| Classification according to 67/548/EEC or 1999/45/EC | C; R36 |
| Classification according to Regulation (EC) No 1272/2008 [CLP / GHS] | Eye Irrit. 2; H319 |

2.2. Label elements

Hazard pictograms (CLP)



| | |
|--------------------------|--|
| Signal word | Warning |
| Hazard statements | H319 Causes serious eye irritation. |
| Precautionary statements | P264 Wash thoroughly after handling. P280 Wear protective gloves / protective clothing / eye protection / face 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

| | |
|------------|-------------|
| PBT / vPvB | No PBT/vPvB |
|------------|-------------|

SECTION 3: Composition / information on ingredients

3.2. Mixtures

| Substance | Identification | Classification | Contents | Notes |
|-------------|-----------------------|----------------|----------|-------|
| Citric Acid | CAS No.: 5949-29-1 | H319 | 8 – 12 % | |
| | EC No.: 201-069-1 | Eye Irrit. 2 | | |
| | REACH Reg. No.: | | | |
| | 01-2119457026-42-xxxx | | | |
| Inhibitor | | | < 2 % | |
| Colouring | | | < 0,01 % | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------|--|
| General | Call 113 and provide the information in the MSDS if pain should occur. For |
|---------|--|

| | |
|--------------|--|
| | emergency phone see also section 1.4 |
| Inhalation | By ordinary handling develops no gases |
| Skin contact | Wash with plenty of soap and water. |
| Eye contact | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| Ingestion | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |

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

| | |
|------------------------------|---|
| Delayed symptoms and effects | Skin will be reddened by exposure over time. Eyes will sting sharp depending on the amounts of products that are in the eyes. |
|------------------------------|---|

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

| | |
|-------------------|---------------------------------|
| Medical treatment | Ordinary symptomatic treatment. |
|-------------------|---------------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
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| Suitable extinguishing media | As appropriate for the surrounding fire. |
|------------------------------|--|

5.2. Special hazards arising from the substance or mixture

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|-------------------------------|-------------------------------|
| Fire and explosion hazards | The product is not flammable. |
| Hazardous combustion products | Phosphorus oxides (POx) |

5.3. Advice for firefighters

| | |
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| Personal protective equipment | Use personal protective equipment as required. |
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
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| General measures | Flush with water |
| Personal protection measures | Wear protective gloves / protective clothing / eye protection / face protection. |

6.2. Environmental precautions

| | |
|--------------------------------------|---|
| Environmental precautionary measures | The product is non-toxic and biodegradable. By concentrated spills will dilution and use of base as lye neutralizing product. |
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6.3. Methods and material for containment and cleaning up

| | |
|----------|------------------|
| Clean up | Flush with water |
|----------|------------------|

6.4. Reference to other sections

| | |
|--------------------|--------------------------|
| Other instructions | Look at section 8 and 13 |
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective safety measures

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|----------------------------|---|
| Protective safety measures | Do not eat, drink or smoke while working. |
|----------------------------|---|

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

| | |
|-----------------|---------------------|
| Specific use(s) | Look at section 1.2 |
|-----------------|---------------------|

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

8.2. Exposure controls

| | |
|-------------------------------------|---|
| Limitation of exposure on workplace | It must be used personal protective equipment. In cooperation with the supplier selected this according to the CEN standards. |
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Safety signs



Eye / face protection

| | |
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| Suitable eye protection | Goggles, Mask |
|-------------------------|---------------|

Hand protection

| | |
|--------------------|------------------|
| Suitable materials | PVS/Rubber/Latex |
|--------------------|------------------|

Skin protection

| | |
|------------------------|------------------------------------|
| Skin protection remark | Full personal protective clothing. |
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Respiratory protection

| | |
|---------------------------------|---|
| Respiratory protection, general | Partial or full mask with dust filter in enclosed spaces. |
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|----------------------------------|---|
| Respiratory protection, comments | In case of inadequate ventilation wear respiratory protection |
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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| Physical state | Liquid |
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|--------|-------|
| Colour | Clear |
|--------|-------|

| | |
|-------|------|
| Odour | Weak |
|-------|------|

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|---------------------|--|
| pH | Status: In delivery state Value: < 2 Method: pHmeter Temperature: = 20 °C |
| | Status: In aqueous solution Value: < 2 Method: pHmeter Temperature: = 20 °C |
| Freezing point | Value: < 2 °C |
| Relative density | Value: ~ 1139,87 kg/m ³ Temperature: 20 °C |
| Solubility in water | Complete |

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

| | |
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| Conditions to avoid | Keep cool. Protect from sunlight. |
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10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other information regarding health hazards

| | |
|-------------|---|
| General | In case of inadequate ventilation wear respiratory protection |
| Inhalation | May cause respiratory irritation |
| Eye contact | Causes serious eye irritation |
| Ingestion | Irritating to mucous membranes in mouth and throat |

11.2 Other information

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------|---|
| Ecotoxicity | Not classified as dangerous for the environment |
|-------------|---|

12.2. Persistence and degradability

| | |
|--|---------------------|
| Persistence and degradability description/evaluation | Fully biodegradable |
|--|---------------------|

12.3. Bioaccumulative potential

| | |
|-----------------------------|------------|
| Bioaccumulation, evaluation | Completely |
|-----------------------------|------------|

12.4. Mobility in soil

| | |
|----------|-------------------------|
| Mobility | Easily soluble in water |
|----------|-------------------------|

12.5. Results of PBT and vPvB assessment

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|------------------------------------|------------------------|
| Results of PBT and vPvB assessment | No PBB/vPvB substances |
|------------------------------------|------------------------|

12.6. Endocrine disrupting properties**12.7. Other adverse effects****SECTION 13: Disposal considerations****13.1. Waste treatment methods**

| | |
|---|--|
| Product classified as hazardous waste | No |
| Packaging classified as hazardous waste | No |
| EWC waste code | EWC waste code: EWC: 16 50 73 EWC: 12 03 01 aqueous washing liquids Classified as hazardous waste: No |

SECTION 14: Transport information**14.1. UN number****14.2. UN proper shipping name****14.3. Transport hazard class(es)**

| | |
|----------|---|
| Comments | The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ICAO or ADR/RID). |
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14.4. Packing group**14.5. Environmental hazards****14.6. Special precautions for user****14.7. Maritime transport in bulk according to IMO instruments****IMDG Other information**

| | |
|-----------------------------|---|
| Additional information IMDG | No IBC-code for bulk transport offshore (MARPOL) The substance is not a "harmful substance" in accordance with the criteria in MARPOL Annex III; and does not contain any components which are known to be carcinogenic, mutagenic or reprotoxic (CMR). |
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SECTION 15: Regulatory information

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

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|-------------------------------|---|
| References (laws/regulations) | Regulation on classification and labeling of hazardous chemicals, 16.07.2002 No. 1139 CLP Regulations, 16.06.2012. REACH regulation Annex II. Transportforskriften FOR 01.04.2009 No. 384. |
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15.2. Chemical safety assessment

SECTION 16: Other information

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|--|-------------------------------------|
| List of relevant H-phrases (Section 2 and 3) | H319 Causes serious eye irritation. |
| Revision responsible | Raymond Engelsen |
| Last update date | 22.04.2021 |
| Version | 2 |