


<b>SAFETY DATA SHEET</b>		
	<b>Marine Descaler</b>	

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	31.10.2023
Revision date	01.03.2021

### 1.1. Product identifier

Product name	Marine Descaler
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### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Function	Description: Dissolves mussels, barnacles, shell and other sea growth
Product group	Cleaning agent
Uses advised against	Corrodes galvanized and zinc metallized metal and surfaces treated with zincethylsilicate
Industrial use	Yes
Consumer use	Yes

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

#### Manufacturer

Company name	Nordic Green Products AS
Office address	Idrettsvegen 113B
Postcode	5353
City	STRAUME
Country	Norway
Telephone number	+47 56126100
Email	<a href="mailto:post@ngproducts.no">post@ngproducts.no</a>
Website	<a href="http://www.ngproducts.no">www.ngproducts.no</a>
Enterprise No.	916488890MVA
Contact person	Raymond Engelsen

## 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  
Regulation (EC) No 1272/2008  
[CLP / GHS]

Eye Irrit. 2; H319

### 2.2. Label elements

#### Hazard pictograms (CLP)



Signal word

Warning

Hazard statements

H314 Causes severe skin burns and eye damage.

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	< 10 %	
	EC No.: 201-069-1	Eye Irrit. 2		
	REACH Reg. No.:			
	01-2119457026-42-xxxx			
Phosphoric Acid	CAS No.: 7664-38-2	Skin Corr 1B	< 2 %	
	EC No.: 231-633-2			
Inhibitor			< 1 %	

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

Medical treatment	Ordinary symptomatic treatment.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	As appropriate for the surrounding fire.
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#### 5.2. Special hazards arising from the substance or mixture

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

#### 5.3. Advice for firefighters

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

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
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#### 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

Protective safety measures	Do not eat, drink or smoke while working.
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### 7.2. Conditions for safe storage, including any incompatibilities

### 7.3. Specific end use(s)

Specific use(s)	Look at section 1.2
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## 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

Eye protection	Goggles, Mask
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#### Hand protection

Hand protection	PVC/Rubber/Latex
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#### Skin protection

Additional skin protection measures	Full personal protective clothing.
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Skin protection (except hands)	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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## SECTION 9: Physical and chemical properties

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

Physical state	Liquid
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Colour	Yellow
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Odour	Weak
pH	Status: In aqueous solution Value: < 2 Method: pH meter Temperature: 20 °C
Freezing point	Value: < - 2 °C
Relative density	Value: ~ 1141,96 kg/m <sup>3</sup> 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

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 hazard classes as defined in Regulation (EC) No 1272/2008

##### Other information regarding health hazards

Skin corrosion acidic reserve	The amount of product exposed to the skin is equivalent to degree of irritation and possible damage.
Eye damage or irritation other information	Causes serious eye irritation
Respiratory sensitisation other information	May cause respiratory 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
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## 12.2. Persistence and degradability

Persistence and degradability description/evaluation	Fully biodegradable
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## 12.3. Bioaccumulative potential

Bioaccumulation, evaluation	Completely
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## 12.4. Mobility in soil

Mobility	Easily soluble in water
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## 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Contains no PBT or vPvB substances
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## 12.6. Endocrine disrupting properties

## 12.7. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

EWC waste code	EWC waste code: EWC: 16 50 73 EWC: 12 03 01 aqueous washing liquids Classified as hazardous waste: No
EWL packing	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,
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mutagenic or reprotoxic (CMR).

## SECTION 15: Regulatory information

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

#### 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.

### 15.2. Chemical safety assessment

## SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3) H319 Causes serious eye irritation.

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