

## SAFETY DATA SHEET



## NGP Odin Concentrate



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	04.03.2021
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### 1.1. Product identifier

Product name	NGP Odin Concentrate
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### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Function	Description: Agent to rins/clean surfaces and flush pipings for corrosion, copper rust, lime, concrete, algae, layers of sediments etc
Product group	Cleaning agent
Uses advised against	Corrodes galvanized and zinc metallized metal and surfaces treated with zincethylsilicate.
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	<a href="mailto:post@ngproducts.no">post@ngproducts.no</a>
Website	<a href="http://www.ngproducts.no">www.ngproducts.no</a>
Enterprise No.	916488890MVA

### 1.4. Emergency telephone number

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

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

## 2.2. Label elements

### Hazard pictograms (CLP)



Composition on the label	Citric Acid < – 30 %, Phosphoric Acid < 5 %
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
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## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Citric Acid	CAS No.: 5949-29-1	H319	< – 30 %	
	EC No.: 201-069-1	Eye Irrit. 2		
	REACH Reg. No.:			
	01-2119457026-42-xxxx			
Phosphoric Acid	CAS No.: 7664-38-2 EC No.: 231-633-2	Skin Corr 1B	< 5 %	
Inhibitor			< 1 %	
Colouring			< 0,5 %	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Skin contact	IF ON SKIN: 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	The agent is corrosive on skin and 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.
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Hazardous combustion products	Phosphorus oxides (POx)
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### 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	Specific measures. Flush with water to thin out the product. If large spills and thinning out not is an option, use soda lye/caustic soda to neutralize.
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Personal protection measures	Wear protective gloves / protective clothing / eye protection / face protection.
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### 6.2. Environmental precautions

Environmental precautionary measures	The Product is biological degradable. If unwanted large spills, thin out with water, or collect what can be collected. Soda lye/caustic soda will also neutralize the product.
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### 6.3. Methods and material for containment and cleaning up

Cleaning method	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

Handling	Use personal protective equipment if the packing is leaking. If skin comes in contact with the product, wash with plenty of water.
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### 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

Storage	Store frostproof
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## 7.3. Specific end use(s)

# 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	Eye protection (glasses) og a full face cover if areosol.
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## Hand protection

Hand protection	Gloves of PVC, natural gum or latex.
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Suitable gloves type	Gloves of PVC, Natural gum or latex.
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## Skin protection

Skin protection (except hands)	Fully covering work clothes/protection equipment.
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## Respiratory protection

Respiratory protection	In case of inadequate ventilation wear respiratory protection.
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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	Fluid Liquid.
Colour	Red
Odour	Weak. Fresh.
pH	Status: In delivery state Value: > 2 Method: pH meter Temperature: = 20 °C

	Status: In aqueous solution Value: > 2 Method: pH meter Temperature: = 20 °C
Freezing point	Value: -4 °C Comments: If imidiatae danger for frost, add glycol to reduce the freezingpoint.
Boiling point / boiling range	Value: = 101 °C
Relative density	Value: 1,14
Solubility in water	Complete

## 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

#### 10.2. Chemical stability

Stability	Stabile under normal storing.
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#### 10.3. Possibility of hazardous reactions

#### 10.4. Conditions to avoid

Conditions to avoid	Avoid freezing tempratures and tempratures exceeding 50C.
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#### 10.5. Incompatible materials

Materials to avoid	Bases and alkalies will neutralize the product.
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#### 10.6. Hazardous decomposition products

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Other information regarding health hazards

General	The longer the Product is exposed on skin, dhe larger irritation and danger for harm.
Inhalation of vapor	May cause irritation in upper respiratory passage.
Inhalation	May cause respiratory irritation
Skin contact	Corrosive
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
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### 12.2. Persistence and degradability

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

Bioaccumulative potential	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

PBT assessment results	Contains no PBT substances
vPvB evaluation results	Contains no vPvB substances

### 12.6. Endocrine disrupting properties

### 12.7. Other adverse effects

Additional ecological information	The product contains phosphor which can cause local unwanted alae growth if larger uncontrolled ammounts are released.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Flush with water. Soda lye/caustic soda will neutralize the product if larger ammounts of it are released.
Product classified as hazardous waste	No
Packaging classified as hazardous waste	No
EWC waste code	EWC: 16 50 73 EWC: 12 03 01 aqueous washing liquids

## 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
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dangerous goods (IMDG, IATA, ICAO or ADR/RID).

#### 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

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

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