

## SAFETY DATA SHEET



## Valhall Gel



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	21.01.2016
Revision date	22.04.2021

### 1.1. Product identifier

Product name	Valhall Gel
Synonyms	Valhall CleanGel

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

Function	Description: leaning detergent for contamination on gangways, tiles, fiberglass and coated surfaces. Removes light rust. Can be applied to epoxy coating, cable trays and stainless. Surface cleaning of oxidized (rust), salts, limestone algae etc.
Product group	Cleaning agent
Uses advised against	Corrodes galvanized and zinc metallized metal and surfaces treated with zincethylsilicate
Industrial use	Yes
Professional use	Yes
Consumer 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	<a href="mailto:post@ngproducts.no">post@ngproducts.no</a>

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	R36 Xi;
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 EC No.: 201-069-1 REACH Reg. No.: 01-2119457026-42-xxxx	H319 Eye Irrit. 2	< 30 %	
Phosphoric Acid	CAS No.: 7664-38-2 EC No.: 231-633-2	Skin Corr 1B	< 5 %	
Inhibitor			< 2 %	

Thickener	< 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

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

### 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.
-------------------------------	--

## 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.
--------------------------------------	---

### 6.3. Methods and material for containment and cleaning up

Clean up	Flus with water
----------	-----------------

### 6.4. Reference to other sections

Other instructions	Look at section 8 and 13
--------------------	--------------------------

## 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.
----------------------------	---

### 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

#### Safety signs



#### Eye / face protection

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

#### Hand protection

Suitable materials	PVC/Rubber/Latex
--------------------	------------------

#### Skin protection

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

#### Respiratory protection

Respiratory protection, general	Partial or full mask with dust filter in enclosed spaces.
---------------------------------	---

Respiratory protection, comments	In case of inadequate ventilation wear respiratory protection.
----------------------------------	--

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Physical state	Gel like liquid
Colour	Yellow
Odour	Weak
pH	Status: In aqueous solution Value: < 2 Method: pH meter Temperature: 20 °C
Freezing point	Value: < -2 °C
Relative density	Value: ~ 1177,033 kg/m <sup>3</sup> Temperature: 20 °C
Solubility in water	Complete
Viscosity	Value: ~ 5000 mPa.s

## 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.
---------------------	-----------------------------------

#### 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	The amount of product exposed to the skin is equivalent to degree of irritation and possible damage.
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**

Results of PBT and vPvB assessment	Contains no PBT/cPvB substances
------------------------------------	---------------------------------

**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
----------------	--

**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).
----------	---

**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).

## 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.
Information added, deleted or revised	Text compared and adjusted with the cons product. Name corrected
Revision responsible	Raymond Engelsen
Last update date	22.04.2021
Version	9