

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : NORDICARE GRILL CLEANER; Spray
Product code : EN_720.

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

Product for cleaning of conventional ovens, baking trays, grills etc.

1.3. Details of the supplier of the safety data sheet

Registered company name : NGL NORDIC A/S.
Address : Industriskellet 10.3450.Ishøj.Denmark.
Telephone : +4548176970. Fax : +4548174970.
nordic@ngl-group.com

1.4. Emergency telephone number : .

Association/Organisation : .

Other emergency numbers

+45 4817 6970: Monday to Thursday 08:00-16:00; Friday 08:00-15:30

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin corrosion, Category 1A (Skin Corr. 1A, H314).

Serious eye damage, Category 1 (Eye Dam. 1, H318).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).

Mixture for spray application.

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS05

Signal Word :

DANGER

Product identifiers :

EC 215-185-5 SODIUM HYDROXIDE

Hazard statements :

H314 Causes severe skin burns and eye damage.

Precautionary statements - General :

P102 Keep out of reach of children.

Precautionary statements - Prevention :

P260 Do not breathe spray.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/eye protection/face protection.

Precautionary statements - Response :

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
Precautionary statements - Disposal :	
P501	Dispose of contents/container in accordance with local regulation

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures****Composition :**

Identification	(EC) 1272/2008	Note	%
INDEX: 011_002_00_6 CAS: 1310-73-2 EC: 215-185-5 REACH: 01-2119457892-27-xxxx	GHS05, GHS07 Dgr Skin Corr. 1A, H314 STOT SE 3, H335	[1]	2.5 \leq x % < 10
SODIUM HYDROXIDE INDEX: 0009 CAS: 68515-73-1 EC: 500-220-1 REACH: 01-2119488530-36	GHS05 Dgr Eye Dam. 1, H318		2.5 \leq x % < 10
D-GLUCOPYRANOSE, OLIGOMERS, DECYL OCTYL GLYCOSIDES INDEX: 0222 CAS: 157627-86-6 EC: 500-337-8	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412		2.5 \leq x % < 10
ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED INDEX: 603_117_00_0 CAS: 67-63-0 EC: 200-661-7 REACH: 01-2119457558-25-XXXX	GHS07, GHS02 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1]	0 \leq x % < 2.5
PROPAN-2-OL			

(Full text of H-phrases: see section 16)

Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures**In the event of exposure by inhalation :**

Move person into fresh air and observe. Contact a physician in serious cases.

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

Remove contact-lenses.

Flush eyes with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Regardless of the initial state, refer to an ophthalmologist and show him the label.

In the event of splashes or contact with skin :

Remove any soiled or splashed clothing immediately.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

Do not give the patient anything orally.

Seek medical attention immediately, showing the label.

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

No data available.

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

Treated symptomatically

Information for the doctor :

Bring this safety data sheet.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO₂)

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

Avoid breathing fumes/vapours. Wear self-contained breathing apparatus, gloves, safety spectacles and protective clothes.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

See section 13 on "Disposal" with regard to the handling of waste. See section 8 on 'Exposure controls/personal protection' for protective measures.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

NORDICARE GRILL CLEANER; Spray - EN_720**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Store between 5° and 40°C.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters****Occupational exposure limits :**

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1310-73-2			2 mg/m ³		
67-63-0	200 ppm	400 ppm		A4; BEI	

- Germany - AGW (BAuA - TRGS 900, 29/01/2018) :

CAS	VME :	VME :	Excess	Notes
67-63-0		200 ppm 500 mg/m ³		2(II)

- Denmark (2008) :

Stof	TWA	VSTEL	Loftvaerdi	Anm
1310-73-2	2 mg/m ³			L
67-63-0	200 ppm 490 mg/m ³			

- France (INRS - ED984 :2016) :

CAS	VME-ppm :	VME-mg/m ³ :	VLE-ppm :	VLE-mg/m ³ :	Notes :	TMP No :
1310-73-2	-	2	-	-	-	-
67-63-0	-	-	400	980	-	84

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1310-73-2	- ppm - mg/m ³	- ppm 2 mg/m ³			
67-63-0	400 ppm 999 mg/m ³	500 ppm 1250 mg/m ³			

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

PROPAN-2-OL (CAS: 67-63-0)

Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Workers.

Dermal contact.
Long term systemic effects.
888 mg/kg body weight/day

Inhalation.
Long term systemic effects.
500 mg of substance/m³

Consumers.

Ingestion.
Long term systemic effects.
26 mg/kg body weight/day

Dermal contact.
Long term systemic effects.
319 mg/kg body weight/day

Inhalation.
Long term systemic effects.
89 mg of substance/m³

SODIUM HYDROXIDE (CAS: 1310-73-2)

NORDICARE GRILL CLEANER; Spray - EN_720**Final use:**

Exposure method:
Potential health effects:
DNEL :

Workers.

Inhalation.
Long term local effects.
1.0 mg of substance/m³

Final use:

Exposure method:
Potential health effects:
DNEL :

Consumers.

Inhalation.
Long term local effects.
1.0 mg of substance/m³

Predicted no effect concentration (PNEC):

PROPAN-2-OL (CAS: 67-63-0)

Environmental compartment:
PNEC :

Soil.
28 mg/kg

Environmental compartment:
PNEC :

Fresh water.
140.9 mg/l

Environmental compartment:
PNEC :

Sea water.
140.9 mg/l

Environmental compartment:
PNEC :

Intermittent waste water.
140.9 mg/l

Environmental compartment:
PNEC :

Fresh water sediment.
552 mg/kg

Environmental compartment:
PNEC :

Marine sediment.
552 mg/kg

Environmental compartment:
PNEC :

Waste water treatment plant.
2251 mg/l

8.2. Exposure controls**Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

When spraying, wear a face shield in accordance with standard EN166.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

Wear eye protection/face shield if there is risk of splashes in eyes.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVC (polyvinyl chloride)

Recommended properties :

- Impervious gloves in accordance with standard EN374

NORDICARE GRILL CLEANER; Spray - EN_720**- Body protection**

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

Wear suitable protective clothing, in particular overalls and boots. These items must be kept in good condition and cleaned after use.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

- Respiratory protection

Type of FFP mask :

Wear a disposable half-mask aerosol filter in accordance with standard EN149.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties****General information :**

Physical state : Fluid liquid.

Important health, safety and environmental information

pH : 7.50 .
Neutral.

Boiling point/boiling range : Not specified.

Flash point interval : Not relevant.

Vapour pressure (50°C) : Not relevant.

Density : 1,09

Water solubility : Dilutable.

Melting point/melting range : Not specified.

Self-ignition temperature : Not specified.

Decomposition point/decomposition range : Not specified.

9.2. Other information

VOC (g/l) : 24.20

SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :
- frost

10.5. Incompatible materials**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

May cause irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis, following exposure for up to three minutes.

Corrosive reactions are typified by ulcers, bleeding, bloody scabs, and, by the end of observation at 14 days, by discolouration due to blanching of the skin, complete areas of alopecia, and scars.

11.1.1. Substances**Acute toxicity :**

PROPAN-2-OL (CAS: 67-63-0)

Oral route : LD50 > 5000 mg/kg
Species : Rat

Dermal route : LD50 > 5000 mg/kg

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	Species : Rabbit
Inhalation route (Vapours) :	LC50 > 10000 mg/l Species : Rat
ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED (CAS: 157627-86-6)	
Oral route :	LD50 < 2000 mg/kg Species : Rat Other guideline
D-GLUCOPYRANOSE, OLIGOMERS, DECYL OCTYL GLYCOSIDES (CAS: 68515-73-1)	
Oral route :	LD50 > 5000 mg/kg Species : Rat
Dermal route :	LD50 > 2000 mg/kg Species : Rat
SODIUM HYDROXIDE (CAS: 1310-73-2)	
Oral route :	LD50 = 325 mg/kg Species : Rat

11.1.2. Mixture

No toxicological data available for the mixture.

Monograph(s) from the IARC (International Agency for Research on Cancer) :

CAS 67-63-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

SECTION 12 : ECOLOGICAL INFORMATION**12.1. Toxicity****12.1.1. Substances**

PROPAN-2-OL (CAS: 67-63-0)	
Fish toxicity :	LC50 > 100 mg/l Species : Leuciscus idus Duration of exposure : 96 h
Crustacean toxicity :	EC50 > 100 mg/l Species : Daphnia magna Duration of exposure : 48 h
Algae toxicity :	ECr50 > 100 mg/l Species : Scenedesmus subspicatus Duration of exposure : 72 h
D-GLUCOPYRANOSE, OLIGOMERS, DECYL OCTYL GLYCOSIDES (CAS: 68515-73-1)	
Fish toxicity :	LC50 > 100 mg/l NOEC > 1 mg/l
Crustacean toxicity :	EC50 > 100 mg/l Species : Daphnia sp. Duration of exposure : 48 h NOEC > 1 mg/l
Algae toxicity :	10 < ECr50 <= 100 mg/l
SODIUM HYDROXIDE (CAS: 1310-73-2)	
Fish toxicity :	LC50 = 125 mg/l Species : Gambusia affinis Duration of exposure : 96 h
Crustacean toxicity :	EC50 = 76 mg/l Species : Daphnia magna Duration of exposure : 24 h
Algae toxicity :	Species : Phaeodactylum sp.

NORDICARE GRILL CLEANER; Spray - EN_720**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability**12.2.1. Substances**

PROPAN-2-OL (CAS: 67-63-0)

Biodegradability :

no degradability data is available, the substance is considered as not degrading quickly.

ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED (CAS: 157627-86-6)

Biodegradability :

no degradability data is available, the substance is considered as not degrading quickly.

D-GLUCOPYRANOSE, OLIGOMERS, DECYL OCTYL GLYCOSIDES (CAS: 68515-73-1)

Biodegradability :

no degradability data is available, the substance is considered as not degrading quickly.

SODIUM HYDROXIDE (CAS: 1310-73-2)

Biodegradability :

no degradability data is available, the substance is considered as not degrading quickly.

12.3. Bioaccumulative potential**12.3.1. Substances**

PROPAN-2-OL (CAS: 67-63-0)

Octanol/water partition coefficient :

log K_{ow} = 0.05

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste) :

20 01 29 * detergents containing dangerous substances

SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2017 - IMDG 2016 - ICAO/IATA 2017).

14.1. UN number

3266

14.2. UN proper shipping name

UN3266=CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

NORDICARE GRILL CLEANER; Spray - EN_720**14.3. Transport hazard class(es)**

- Classification :



8

14.4. Packing group

II

14.5. Environmental hazards

-

14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	8	C5	II	8	80	1 L	274	E2	2	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	8	-	II	1 L	F-A,S-B	274	E2

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	8	-	II	851	1 L	855	30 L	A3 A803	E2
	8	-	II	Y840	0.5 L	-	-	A3 A803	E2

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15 : REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.

- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2017/776 (ATP 10)

- Container information:

No data available.

- Particular provisions :

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- 5 % or over but less than 15 % : nonionic surfactants

- perfumes

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

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Abbreviations :

DNEL : Derived No-Effect Level
PNEC : Predicted No-Effect Concentration
ADR : European agreement concerning the international carriage of dangerous goods by Road.
IMDG : International Maritime Dangerous Goods.
IATA : International Air Transport Association.
ICAO : International Civil Aviation Organisation
RID : Regulations concerning the International carriage of Dangerous goods by rail.
WGK : Wassergefährdungsklasse (Water Hazard Class).
GHS05 : Corrosion
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.