

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 MULTI CLEANER
 Product code : N_EN_701.
 PR-number:
 UFI : D820-K06F-C00X-1SYP

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

Water-based, special power-full cleaner for cleaning of all surfaces, which withstands water.

1.3. Details of the supplier of the safety data sheet

Registered company name : NGL NORDIC A/S.
 Address : Industriskellet 10.2635.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.

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 a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).
 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).

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

Additional labeling :
 EUH210 Safety data sheet available on request.
 Precautionary statements - General :
 P102 Keep out of reach of children.

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: 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]	2.5 \leq x % < 10
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 :

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. Contact a physician, if pain persists.

In the event of splashes or contact with skin :

Wash skin with soap and water. Remove and wash clothing after contact.

In the event of swallowing :

Seek medical attention, showing the label.

Give the person 1-2 glasses of milk or water to drink, and keep the person under surveillance. Do not give drink to an unconscious person. If the person feels unwell: Seek medical advice immediately and show this safety data sheet or label of the product.

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

Inhalation of vapours may irritate the eyes, nose, throat and lungs. At high concentrations, the vapours may have narcotic effect. Prolonged or repeated inhalation may cause damage to the central nervous system.

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
- 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 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.

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6.3. Methods and material for containment and cleaning up

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.

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.

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 :
67-63-0	200 ppm	400 ppm		A4; BEI	

- Denmark (2020) :

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

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

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

- USA / OSHA PEL (Occupational Safety and Health Administration, Permissible Exposure Limits) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
67-63-0	400 ppm 980 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 :

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

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Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 319 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 89 mg of substance/m3

Predicted no effect concentration (PNEC):

PROPAN-2-OL (CAS: 67-63-0)
Environmental compartment: Soil.
PNEC : 28 mg/kg

Environmental compartment: Fresh water.
PNEC : 140.9 mg/l

Environmental compartment: Sea water.
PNEC : 140.9 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 140.9 mg/l

Environmental compartment: Fresh water sediment.
PNEC : 552 mg/kg

Environmental compartment: Marine sediment.
PNEC : 552 mg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 2251 mg/l

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

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 in accordance with standard EN166.

Wear eyeprotection/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.

Type of gloves recommended :

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

- Body protection

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

If the ventilation at the workplace is not sufficient, use a half-or full-face mask with suitable filter (eq. A1) or air-supplied respirator. The choice depends on the specific work situation and the duration of work with the product.

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 : 9.50 ±0.50.
Slightly basic.

Flash Point Interval : FP > 100°C.

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Vapour pressure (50°C) : Not relevant.
Density : 1.00
Water solubility : Dilutable.

9.2. Other information

VOC (g/l) : 49.29

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

The product separates upon thawing after freezing

10.5. Incompatible materials

Keep away from :

- strong acids

- strong bases

- strong oxidising agents

- strong reducing agents

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**

No data available.

11.1.1. Substances**Acute toxicity :**

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

Oral route :

LD50 = 5840 mg/kg

Species : Rat

Dermal route :

LD50 = 13900 mg/kg

Species : Rabbit

Inhalation route (Dusts/mist) :

LC50 > 10000 ppm

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 = 9640 mg/l

Species : Pimephales promelas

Duration of exposure : 96 h

Crustacean toxicity :

EC50 = 13299 mg/l

Species : Daphnia magna

Duration of exposure : 48 h

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Algae toxicity :

ECr50 > 100 mg/l
Species : Scenedesmus subspicatus
Duration of exposure : 72 h

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.

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 30 detergents other than those mentioned in 20 01 29

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

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. 2020/1182 (ATP 15)

- Container information:

No data available.

- Particular provisions :

No data available.

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

- less than 5 % : anionic 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.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Abbreviations :

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

UFI : Unique Formula Identifier

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

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.

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.