

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 CERAMIC STOVE TOP CLEANER
 Product code : EN_707.

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

Special Cleaner for cleaning and maintenance of glass ceramic stovetops.

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.

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.

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: 649_422_00_2 CAS: 64742-47-8 EC: 265-149-8 REACH: 01-2119456620-43 DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	GHS08 Dgr Asp. Tox. 1, H304		25 <= x % < 50
INDEX: 0179 CAS: 1344-28-1 EC: 215-691-6 ALUMINIUMOXIDE		[1]	25 <= x % < 50

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INDEX: 0222 CAS: 157627-86-6 EC: 500-337-8 ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412		2.5 <= x % < 10
INDEX: 0223 CAS: 61791-14-8 EC: 500-152-2 AMINES, COCO ALKYL, ETHOXYLATED	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318		2.5 <= x % < 10
INDEX: 0001N CAS: 5949-29-1 EC: 201-069-1 REACH: 01-2119457026-42-xxxx CITRIC ACID, MONOHYDRATE	GHS07 Wng Eye Irrit. 2, H319		0 <= x % < 2.5

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

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.

Do NOT induce vomiting unless your doctor recommends. If vomiting occurs, keep the head low to prevent vomit into the lungs. Prevent shock by keeping the victim warm and at rest. Give artificial respiration if breathing has ceased. If unconscious, place the victim in the recovery position. Call an ambulance.

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.

Ingestion may cause vomiting and stomach pains. Pneumonia may occur if vomit enters the lungs.

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

- alcohol resistant foam, carbon dioxide, powders, water mist.

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)

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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.

Avoid breathing vapours from spilled product. Avoid direct contact with spilled product. Use the same personal protection as mentioned in section 8 on 'Exposure controls/personal protection.'

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

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.

Avoid inhalation of vapours. Avoid direct contact with the product.

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

Combustible liquid. Store the container in a well-ventilated area and in compliance with local regulations.

Storage

Store 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 :
1344-28-1	10 mg/m ³	-	-	-	-

- Denmark (2008) :

Stof	TWA	VSTEL	Loftvaerdi	Anm
1344-28-1	5 mg/m ³			

- France (INRS - ED984 :2016) :

CAS	VME-ppm :	VME-mg/m ³ :	VLE-ppm :	VLE-mg/m ³ :	Notes :	TMP No :
1344-28-1	-	10	-	-	-	-

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1344-28-1	- ppm 4 mg/m ³	- ppm - mg/m ³			

NORDICARE CERAMIC STOVE TOP CLEANER - EN_707**Derived no effect level (DNEL) or derived minimum effect level (DMEL):**

ALUMINIUMOXIDE (CAS: 1344-28-1)

Final use:Exposure method:
Potential health effects:
DNEL :**Workers.**Inhalation.
Long term local effects.
20 mg of substance/m3**Final use:**Exposure method:
Potential health effects:
DNEL :**Man exposed via the environment.**Ingestion.
Long term local effects.
6.22 mg/kg body weight/day**Predicted no effect concentration (PNEC):**

ALUMINIUMOXIDE (CAS: 1344-28-1)

Environmental compartment:
PNEC :Waste water treatment plant.
20 mg/l**8.2. Exposure controls**

Compliance with the stated exposure limits values should be checked on a regular basis.

Appropriate engineering controls

Airborne gas and dust concentrations must be kept as low as possible and below the threshold values (see above). If necessary, use local exhaust ventilation if the normal air flow in the room is not sufficient. Ensure visible display panels of eye wash and safety shower.

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.

- Hand protection

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

Type of gloves recommended :

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

- PVA (Polyvinyl alcohol)

Recommended properties :

- Impervious gloves in accordance with standard EN374

- 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.

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 : 4.00 .
Slightly acidic.

Boiling point/boiling range : Not specified.

Flash Point : 102.00 °C.

Method for determining the flash point:

ASTM D 93-15 (Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester).

Vapour pressure (50°C) : Not relevant.

Density : > 1

Water solubility : Dilutable.

Melting point/melting range : Not specified.

Self-ignition temperature : Not specified.

Decomposition point/decomposition range : Not specified.

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9.2. Other information

VOC (g/l) : 482.63

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 :

Freezing. The product separates upon thawing after freezing.

10.5. Incompatible materials

Keep away from :

- strong bases
- strong oxidising agents

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)
- nitrogen oxide (NO)
- nitrogen dioxide (NO₂)

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

No data available.

11.1.1. Substances**Acute toxicity :**

CITRIC ACID, MONOHYDRATE (CAS: 5949-29-1)

Oral route : LD50 = 5400 mg/kg
Species : Mouse

AMINES, COCO ALKYL, ETHOXYLATED (CAS: 61791-14-8)

Oral route : LD50 < 2000 mg/kg
Species : Rat

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

Oral route : LD50 < 2000 mg/kg
Species : Rat
Other guideline

ALUMINIUMOXIDE (CAS: 1344-28-1)

Oral route : LD50 > 5000 mg/kg
Species : RatInhalation route (n/a) : LC50 > 2.3 mg/l
Species : Rat

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS: 64742-47-8)

Oral route : LD50 > 5000 mg/kg
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)Dermal route : LD50 > 5000 mg/kg
Species : Rabbit
OECD Guideline 402 (Acute Dermal Toxicity)

Inhalation route (n/a) : LC50 5000

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DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS: 64742-47-8)
Corrosivity : No observed effect.
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious damage to eyes/eye irritation :

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS: 64742-47-8)
Corneal haze : Average score < 1
OECD Guideline 405 (Acute Eye Irritation / Corrosion)

No observed effect.
Iritis : Average score < 1
OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Conjunctival redness : Average score < 2
OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Conjunctival oedema : Average score < 2
OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitisation :

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS: 64742-47-8)
Local lymph node stimulation test : Non-Sensitiser.
OECD Guideline 406 (Skin Sensitisation)

Guinea Pig Maximisation Test (GMPT) : Non-sensitiser.
OECD Guideline 406 (Skin Sensitisation)

Buehler Test : Non-sensitiser.
OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity :

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS: 64742-47-8)
No mutagenic effect.

Mutagenesis (in vivo) : Negative.
OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Carcinogenicity :

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS: 64742-47-8)
Carcinogenicity Test : Negative.
No carcinogenic effect.
OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Reproductive toxicant :

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS: 64742-47-8)
No toxic effect for reproduction
OECD Guideline 414 (Prenatal Developmental Toxicity Study)

11.1.2. Mixture**Aspiration hazard :**

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may occur after several hours.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Prolonged or repeated inhalation of high concentrations may cause damages on the central nervous system (painter's syndrome).

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

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS: 64742-47-8)
Fish toxicity : NOEC >= 1000 mg/l
Species : Oncorhynchus mykiss
Duration of exposure : 96 h

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Crustacean toxicity :	NOEC >= 1000 mg/l Species : Daphnia magna Duration of exposure : 48 h
Algae toxicity :	NOEC >= 1000 mg/l Species : Pseudokirchnerella subcapitata Duration of exposure : 72 h
CITRIC ACID, MONOHYDRATE (CAS: 5949-29-1) Fish toxicity :	LC50 = 440 mg/l Duration of exposure : 96 h
Crustacean toxicity :	EC50 = 1535 mg/l Species : Daphnia magna Duration of exposure : 24 h
AMINES, COCO ALKYL, ETHOXYLATED (CAS: 61791-14-8) Fish toxicity :	1 < LC50 <= 10 mg/l Species : Leuciscus idus Duration of exposure : 96 h Other guideline
Crustacean toxicity :	10 < EC50 <= 100 mg/l Species : Daphnia magna Duration of exposure : 48 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

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

CITRIC ACID, MONOHYDRATE (CAS: 5949-29-1) Biodegradability :	no degradability data is available, the substance is considered as not degrading quickly.
AMINES, COCO ALKYL, ETHOXYLATED (CAS: 61791-14-8) Biodegradability :	Rapidly degradable.
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.
ALUMINIUMOXIDE (CAS: 1344-28-1) Biodegradability :	no degradability data is available, the substance is considered as not degrading quickly.
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS: 64742-47-8) Biodegradability :	Rapidly degradable.

12.3. Bioaccumulative potential

No data available.

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.

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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. 2016/1179. (ATP 9)

- Container information:

No data available.

- Particular provisions :

No data available.

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

- less than 5 % : cationic surfactants
- less than 5 % : nonionic surfactants
- 30 % and more : aliphatic hydrocarbons
- 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 :

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

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.

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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).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.