

SAFETY DATA SHEET

According to EC-Regulation 1907/2006 (REACH) & 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name

WELLCO Ceramic Hob Cleaner

Product no.

405 50 94-26/4

REACH registration number

Not applicable

Other means of identification

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

Relevant identified uses of the substance or mixture

Special cleaner for cleaning and maintenance of glass ceramic stovetops.

1.3. Details of the supplier of the safety data sheet

Company and address

NGL NORDIC A/S
Industriskellet 10
DK - 2635 Ishøj
Tel: +45 4817 69 70
Fax: +45 4817 49 70

Contact person

Hans Vagn Rasmussen

E-mail

Nordic@ngl-group.com

SDS date

01-02-2018

SDS Version

3.0

1.4. Emergency telephone number

Use your national or local emergency number. See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to EC-regulation № 1272/2008 and its amendments [CLP]

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

Hazard pictogram(s)

None.

Hazard statement(s)

None.

Identity of the substances primarily responsible for the major health hazards

-

Safety statement(s)	General	Keep out of reach of children. (Optional, but recommended for retail sales)
	Prevention	-
	Response	-
	Storage	-
	Disposal	-

2.3. Other hazards

None known.

Additional labelling

Labelling according to Directive EC/648/2004:

Contents: <5% non-and cationic surfactants,> 30% aliphatic hydrocarbons. Also contains: abrasives, water, silicone oil, citric acid and perfume.

Additional warnings

None.

VOC

-

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances

Ingredient	CAS-number	EEC-number	CLP-classification [REGULATION(EC) No 1272/2008]	Conc. % (w/w)
aliphatic hydrocarbons (distillates(petroleum) hydrotreated light (<0,1% benzene))	64742-47-8	265-149-8	Asp. Tox. 1, H304, EUH066	25-50 %
aluminium oxide (Al ₂ O ₃)	1344-28-1	215-691-6	Not classified	25-50 %
deionized water	7732-18-5	231-791-2	Not classified	10-25 %
silicone oil	63148-62-9	-	Not classified	<5 %
Amines, coco alkyl, ethoxylated	61791-14-8	500-152-2	Eye Dam. 1, H318 (SCL >10%) Acute Tox. 4(oral), H302	1 - 3 %
Alcohols, C13-15, branched and linear, ethoxylated	157627-86-6	500-337-8	Eye Dam. 1, H318 (SCL >10%) Acute Tox. 4(oral), H302 Aquatic Chronic 3, H412	1 - 2 %
Alcohols, C13-15, branched and linear, ethoxylated	157627-86-6	500-337-8	Eye Dam. 1, H318 (SCL >10%) Aquatic Acute, H400 Aquatic Chronic 3, H412	1 - 2 %
perfume	-	-	Not classified	≤1,2 %
citric acid	5949-29-1	201-069-1	Eye Irrit.2, H319	≤ 1 %

¹⁾ the ingredients are listed in EINECS

SCL= Specific Concentration Limit

(*) See full text of H/R-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.

Other information

Contains additionally:

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

By accident: Contact a physician or emergency room - bring the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar to drink.

Inhalation

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

Skin contact

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

Eye contact

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.

Ingestion

Give the person plenty 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.

Burns

Flush with plenty of water until the pain stops and continue for 30 minutes.

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

None special.

Information to medics

Bring this safety data sheet.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Recommended: alcohol resistant foam, carbon dioxide, powders, water mist.

Water jet should not be used as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product will form flammable vapours when heated above the flash point. Vapours may form explosive mixtures with air.

5.3. Instructions 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

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.'

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Prevent product from spreading and entering drains, etc. Use sand, sawdust, earth or universal absorbent to contain and collect spill, and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

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

7.1. Precautions for safe handling

Avoid inhalation of vapours. The working area should be equipped in such way, that the exposure values are not exceeded. At high concentrations (accidents) use a respiratory filter as mentioned in section 8 on 'Exposure controls/personal protection.' See section 8 on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original. Combustible liquid. Store the container in a well-ventilated area and in compliance with local regulations. Store out of reach of children.

Storage temperature

Store between 5° and 40°C.

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 (OEL)

aliphatic hydrocarbons

Long-term exposure limit (8-hour TWA reference period): 1200 mg/m³

(Calculated by RCP-method on petroleum, redistilled C₉-C₁₄, with less than 5% aromatics(EH40/2005- §84-87))

Aluminium oxide

Long-term exposure limit (8-hour TWA reference period): 10 mg/m³ (Inhalable dust (EH40/2005))

Long-term exposure limit (8-hour TWA reference period): 4 mg/m³ (Respirable dust (EH40/2005))

Citric acid

Long-term exposure limit (8-hour TWA reference period): 10 mg/m³ (Inhalable dust (EH40/2005))

DNEL / PNEC

No data available.

8.2. Exposure controls

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

General recommendations

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits

Trade users are covered by OHS legislation on maximum concentrations of exposure. See the occupational exposure limits above.

Appropriate technical measures

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.

Hygiene measures

At each pause in the use of the product and when work ends, all exposed areas of the body must be washed off. Always wash hands, forearms and face.

Measures to avoid environmental exposure

Make sure that when using the product, containment material is available in the immediate proximity. If possible collect spillage during work.

Individual protection measures, such as personal protective equipment



Generally

Only CE-marked personal protection equipment should be used.

Respiratory Equipment

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

Skin protection

Special work clothing should be used.

Hand protection

At soiling work, work gloves must be used. Recommended: Butyl rubber. Breakthrough time: Breakthrough time: > 480 min. (Class 6)

Eye protection

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Colour	Odour	pH	Viscosity(40 °C)	Density (g/cm³)
Liquid cream	White	Lemon	4	> 7mm²/s	1,07
Phase changes					
Melting point (°C)		Boiling point (°C)		Vapour pressure (mm Hg)	
-		>100 °C		-	
Data on fire and explosion hazards					
Flashpoint (°C)		Ignition (°C)		Self ignition (°C)	
102 °C (closed cup-PM)		-		-	
Explosion limits (Vol. %)		Oxidizing properties			
-		-			
Solubility					
Solubility in water		n-octanol/water coefficient			
Dispersible		-			

9.2. Other information

Solubility in fat	Additional information
-	N/A

SECTION 10: Stability and reactivity

10.1. Reactivity

No available data.

10.2. Chemical stability

The product is stable under the conditions, noted in the section 7 on 'Handling and storage'.

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

Freezing. The product separates upon thawing after freezing.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidising agents, and strong catabolic agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance	Species	Test	Route of exposure	Result
aliphatic hydrocarbons	Rat	LD50	Oral	>2.000 mg/kg
aliphatic hydrocarbons	Rat	LD50	Dermal	>2.000 mg/kg
aliphatic hydrocarbons	Rat	LC50	Inhalation	>5.000 mg/m ³ /4 H
citric acid	Mouse	LD50	Oral	5.400 mg/kg
aluminium oxide (Al ₂ O ₃)	Rat	LD50	Oral	>5.000 mg/kg
aluminium oxide (Al ₂ O ₃)	Rat	LC50	Inhalation	> 2,3 mg/l
Alcohols, C13-15, branched and linear, ethoxylated	Rat	LD50	Oral	>5.000 mg/kg
Amines, coco alkyl, ethoxylated	Rat	LD50	Oral	300-2000 mg/kg

Sensitization

Does not contain any substances, classified as a sensitizer.

Long term effects

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

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

Substance	Species	Test	Test duration	Result
aliphatic hydrocarbons	Daphnia magna	EL0	48 h	1000 mg/l
aliphatic hydrocarbons	Pseudokirchneriella	EL0	72 h	1000 mg/l
	Subcapitata			
aliphatic hydrocarbons	Oncorhynchus mykiss	EL0	96 h	1000 mg/l
Amines, coco alkyl, ethoxylated	Leuciscus idus	LC50	96 h	1 – 10 mg/l
Amines, coco alkyl, ethoxylated	Daphnia magna	EC50	48 h	10-100 mg/l
Citric acid	No information	LC50	96 h	440 mg/l
Citric acid	Daphnia magna	EC50	24 h	1535 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
aliphatic hydrocarbons	Biodegradable	28 Days	69 %
Amines, coco alkyl, ethoxylated	Readily and rapidly degradable	28 days	> 60 %
Alcohols, C13-15, branched and linear, ethoxylated	Readily and rapidly degradable	28 days	> 60%

12.3. Bio accumulative potential

Substance	Potential bioaccumulation	LogPow	BFC
aliphatic hydrocarbons	No data	No data	No data
Alcohols, C13-15, branched and linear, ethoxylated	No data	No data	No data

12.4. Mobility in soil

No available data

12.5. Results of PBT and vPvB assessment

Ingen data

12.6. Other adverse effects

No available data

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.

Waste

EWC code

20 01 30

Specific labelling

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Contaminated packing

Packagings with residual product, should be disposed in the same way as the product.

SECTION 14: Transport information

The product is NOT subject to the conventions on dangerous goods.

14.1 – 14.4

ADR/RID	Label	UN-number	UN- proper shipping name	Transport hazard class(es)	Packing group	Notes		
Not classified	-	-	-	-	-	-		
IMDG	Label	UN-number	Proper Shipping Name	Class	PG*	EmS	MP**	Hazardous constituent
Not classified	-	-	-	-	-	-	-	-
IATA	Label	UN-no.	Proper Shipping Name	Class	PG*			Hazardous constituent

Not restricted. Allowed for air delivery and according with ICAO standards (Doc 9284 AN/905) – Not restricted.

14.5. Environmental hazards

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14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No available data.

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions on use

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

Demands for specific education

No special education and training is required, but knowledge of this manual is a precondition.

German regulations concerning the classification of hazards for water (WGK)

WGK 1 (VwVwS vom 27/07/2005, KBws) : Slightly hazardous for water.(Self-classification).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Sources

EC regulation 1907/2006 (REACH)
 Directive 2000/532/EC (Waste)
 Directives 67/548/EEC and 1999/45 EC with amendments (DSD)
 EU Regulation 1272/2008 with amendments (CLP)
 EU Regulation 453/2010 (Amendment for CLP).
 Directive 94/33/EC (Young workers)

EH40/2005 Workplace exposure limits (second ed. 2011)

Full text of H/R-phrases as mentioned in section 3

EUH066- Repeated exposure may cause skin dryness or cracking.
 H302- Harmful if swallowed.
 H304- May be fatal if swallowed and enters airways.
 H318- Causes serious eye damage.
 H319- Causes serious eye irritation.
 H400- Very toxic to aquatic life.
 H412- Harmful to aquatic life with long lasting effects

The full text of identified uses as mentioned in section 1

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Other symbols mentioned in section 2

-

Other

This SDS is valid for all batches produced from 1st of January 2015, with Expiry-dates from Jan 2018 onwards.
 It is recommended to hand over this safety data sheet to the actual user of the product. The abovementioned information can not be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

Changes since the last major revision (the first digit of the SDS Version, see section 1) of this safety data sheet is marked with markings | in the margins.



The safety data sheet is validated by

Hans Vagn Rasmussen, Chem.Eng. BSc.

Date of last essential change (First digit in SDS version)

01.02.2018

Date of last minor change (Last digit in SDS version)

01.02.2018