



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

AEG Microwave Oven Cleaner

Product no.

9029797157

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

Water-based special cleaner for cleaning of microwave ovens.

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

29-04-2016

SDS Version

2.0

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)

-

Hazard statement(s)

-

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. Also contains: water, 2-propanol and perfume.

Additional warnings

-
VOC
-

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances

Ingredient	CAS-number	EEC-number	DSD- classification [67/548/EEC & 1999/45/EEC]	CLP-classification [REGULATION(EC) No 1272/2008]	Conc. % (w/w)
deionized water	7732-18-5	231-791-2	Not classified	Not classified	50-100 %
sodium coco-propylene-diamine tripropionate	97659-50-2	307-455-7	X _i ; R36	Eye Irrit. 2; H319	< 5 %
Alcohols, C13-15, branched and linear, ethoxylated	157627-86-6	500-337-8	X _n ; R22; Xi; R41	Eye Dam. 1, H318 (SCL >10%) Acute Tox. 4(oral), H302 Aquatic Chronic 3, H412	≤ 2 %
2-propanol	67-63-0	200-661-7	X _i R36 F; R11. R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	≤ 1 %
Perfume, lavender	8022-15-9	294-470-6	X _n ; R65	Asp. Tox. 1, H304	≤ 0,1 %

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:

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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

Remove contaminated clothing and shoes. Skin that has been in contact with the product is thoroughly washed with soap and water. Use recognized skin cleanser. Do NOT use solvents or thinners.

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

None special.

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

The product is not combustible.

5.2. Special hazards arising from the substance or mixture

None known.

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 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

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. The product is NOT classified as combustible liquid.

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)

Propan-2-ol

Long-term exposure limit (8-hour TWA reference period): 400 ppm or 999 mg/m³ (EH40/2005)

Short-term exposure limit (15 min. reference period): 500 ppm or 1250 mg/m³ (EH40/2005)

DNEL / PNEC

No data available.

8.2. Exposure controls

No controls are necessary, provided that the product is normally used.

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

Exercise normal caution when using the product. Avoid inhalation of gas and dust.

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

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Generally

No special.

Respiratory Equipment

No special requirements.

Skin protection

No special requirements.

Hand protection

At soiling work, it is recommended to use gloves made of PVC or nitrile-butadiene rubber.

Eye protection

When risk for splashes exist: use safety spectacles.

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	Light yellow	Lavender	App. 7,5	< 7mm2/s	App. 1,00
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)	
>>100 °C		-		-	
Explosion limits (Vol. %)		Oxidizing properties			
-		-			
Solubility					
Solubility in water		n-octanol/water coefficient			
Not soluble		-			

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

No special

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
Alcohols, C13-15, branched and linear, ethoxylated	Rat	LD50	Oral	>300-2000 mg/kg
Sodium-coco-propylene-diamine tripropionate	Rat	LD50	Oral	>5000 mg/kg

Sensitization

Do not contain any substances classified as sensitizing.

Long term effects

No special requirements.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Species	Test	Test duration	Result
Alcohols, C13-15, branched and linear, ethoxylated	Brachydanio rerio	LC50	96 h	>1-10 mg/l
Alcohols, C13-15, branched and linear, ethoxylated	Daphnia magna	EC50	48 h	>1-10 mg/l
Alcohols, C13-15, branched and linear, ethoxylated	Scenedesmus subspicatus	EC50	72 h	>1-10 mg/l
Sodium-coco-propylene-diamine tripropionate	Oncorhynchus mykiss	LC50	96 h	4 mg/l
Sodium-coco-propylene-diamine tripropionate	Daphnia magna	EC50	48 h	1,6 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
No available data	No data	No data	No data

12.3. Bio accumulative potential

Substance	Potential bioaccumulation	LogPow	BFC
No available data	-	-	-

12.4. Mobility in soil

No available data

12.5. Results of PBT and vPvB assessment

No available data

12.6. Other adverse effects

No specific

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

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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

None known.

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

R11- Highly flammable.
 R22- Harmful if swallowed.
 R36 -Irritating to eyes.
 R41- Risk of serious damage to eyes.
 R65 Harmful: may cause lung damage if swallowed.
 R67- Vapours may cause drowsiness and dizziness.

H225- Highly flammable liquid and vapour.
 H302 -Harmful if swallowed.
 H304 May be fatal if swallowed and enters airways
 H318 -Causes serious eye damage.
 H319 -Causes serious eye irritation.
 H336 -May cause drowsiness or dizziness.
 H412- Harmful to aquatic life with long lasting effects

The full text of identified uses as mentioned in section 1

Other symbols mentioned in section 2

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Other

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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)

29.04.2016

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

29.04.2016