



# Food Cleaner Concentrated A1 NSF

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 09/04/2024 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Food Cleaner Concentrated A1 NSF  
UFI : 4UXS-82HF-U004-EUKS  
Product code : 314  
Article number : 31400

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Professional use.  
Function or use category : Cleansing agent

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

BARDAHL NL - OCD NEDERLAND BV  
Maxwellstraat 41  
3316 GP Dordrecht  
Nederland  
T 0031 78 651 2322, F 0031 78 617 4848  
[mjkooijman@bardahl.nl](mailto:mjkooijman@bardahl.nl), [www.bardahl.nl](http://www.bardahl.nl)

#### 1.4. Emergency telephone number

Emergency number : +31 (0) 6 54924171  
During office hours: 8.30 t/m 17:00 h

Country/Area	Organisation/Company	Address	Emergency number	Comment
	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	0344 892 0111	Only for healthcare professionals

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 1, Sub-Category 1B H314  
Serious eye damage/eye irritation, Category 1 H318  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

# Food Cleaner Concentrated A1 NSF

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) :

Danger

Contains :

Natriummetasilicaat

Hazard statements (CLP) :

H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP) :

P280 - Wear protective gloves, protective clothing/eye protection/face protection.  
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Comments :

Non-ionic surfactants :  
5-15%  
phosphates, non-ionic surfactants <5%

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Isotridecanol ethoxylate	CAS-No.: 69011-36-5 EC-No.: 931-138-8 REACH-no: 01-2119976362-32	2.5 – 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Alcohol C9-11, ethoxylated	CAS-No.: 68439-46-3 EC-No.: 614-482-0	< 2	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Natriummetasilicaat	CAS-No.: 10213-79-3 EC-No.: 229-912-9	< 2	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Skin Corr. 1B, H314 STOT SE 3, H335

Full text of H- and EUH-statements: see section 16

# Food Cleaner Concentrated A1 NSF

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Take off immediately all contaminated clothing.
First-aid measures after inhalation	: When unconsciousness transport in a recovery position.
First-aid measures after skin contact	: Wash skin thoroughly with mild soap and water.
First-aid measures after eye contact	: Ensure adequate flushing of eyes by separating eyelids with the fingers. Get immediate medical advice/attention.
First-aid measures after ingestion	: Drink plenty of water. Allow affected person to breathe fresh air. Get immediate medical advice and attention.

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

No additional information available

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : At high temperature may liberate toxic gases.

#### 5.3. Advice for firefighters

Protection during firefighting : Wear a self contained breathing apparatus.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear proper protective equipment. Keep public away from danger area. May be dangerously slippery if spilled. Wear suitable respiratory equipment.

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Not in groundwater, surfacewater or sewerage. Dilute residue with water.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Neutralize.  
Other information : Ventilate area.

#### 6.4. Reference to other sections

(See section 7: Handling and Storage). For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

# Food Cleaner Concentrated A1 NSF

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Good ventilation of the workplace required. Avoid aerosolbuilding.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep the container hermetically sealed.

Incompatible materials : Freezing.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

Food Cleaner Concentrated A1 NSF	
EU - Indicative Occupational Exposure Limit (IOEL)	
Remark	Het produkt bevat geen relevante hoeveelheden van stoffen die met betrekking tot de arbeidsplaatsen qua grenswaarden gecontroleerd moeten worden

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No additional information available

##### 8.2.2. Personal protection equipment

###### 8.2.2.1. Eye and face protection

Eye protection			
Type	Field of application	Characteristics	Standard
tightly fitting safety goggles			

###### 8.2.2.2. Skin protection

###### Skin and body protection:

Wear suitable protective clothing.

###### Hand protection:

Selection of the glove material on consideration of the penetration times, permeatiegraden and degradation. Refer to manufacturer's information.

# Food Cleaner Concentrated A1 NSF

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Safety gloves	Nitrile rubber (NBR)	5 (> 240 minutes)	>0.5		EN ISO 374

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Remove contaminated clothing immediately. Keep away from food, drink and animal feedingstuffs. Avoid contact with skin and eyes.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: 100 °C
Flammability	: Not available
Explosive properties	: Product is not explosive. Not self-igniting.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 79 °C
Auto-ignition temperature	: 207 °C
Decomposition temperature	: Not available
pH	: 12.5
Viscosity, kinematic	: Not available
Solubility	: Dispersible.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1.03 g/cm <sup>3</sup> (20°C)
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

VOC content : 6 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

# Food Cleaner Concentrated A1 NSF

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 10.2. Chemical stability

No decomposition if used according to specifications.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

Do not spray in a poorly ventilated area.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Isotridecanol ethoxylate (69011-36-5)

LD50 oral rat 300 – 2000 mg/kg

LD50 dermal rabbit > 2000 mg/kg

#### Alcohol C9-11, ethoxylated (68439-46-3)

LD50 oral rat 1.2 g/kg

LD50 dermal rabbit > 2000 mg/kg

#### Natriummetasilicaat (10213-79-3)

LD50 oral rat 600 – 1350 mg/kg (rabbits)

LD50 dermal rat 800 mg/kg (rat)

Skin corrosion/irritation : Causes severe skin burns.  
pH: 12.5

Serious eye damage/irritation : Causes serious eye damage.  
pH: 12.5

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

#### Alcohol C9-11, ethoxylated (68439-46-3)

NOAEL (oral, rat) > 500 mg/kg bodyweight

NOAEL (acute, oral, animal/male) > 125 mg/kg bodyweight

#### Natriummetasilicaat (10213-79-3)

STOT-single exposure May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

# Food Cleaner Concentrated A1 NSF

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### Isotridecanol ethoxylate (69011-36-5)

LC50 - Fish [1]	1 – 10 mg/l
EC50 - Crustacea [1]	1 – 10 mg/l
EC50 - Other aquatic organisms [1]	1 – 10 mg/l (Scenedesmus subspicatus)

#### Alcohol C9-11, ethoxylated (68439-46-3)

LC50 - Fish [1]	12 mg/l
EC50 72h - Algae [1]	> 8.9 mg/l

#### Natriummetasilicaat (10213-79-3)

LC50 - Fish [1]	3185 mg/l
EC50 72h - Algae [1]	> 1000 mg/l (bacteria)

### 12.2. Persistence and degradability

#### Food Cleaner Concentrated A1 NSF

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

#### Isotridecanol ethoxylate (69011-36-5)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

#### Alcohol C9-11, ethoxylated (68439-46-3)

Persistence and degradability	Rapidly degradable
Biodegradation	60 – 95.4 %

#### Natriummetasilicaat (10213-79-3)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

### 12.3. Bioaccumulative potential

#### Alcohol C9-11, ethoxylated (68439-46-3)

BCF - Fish [1]	< 800
Partition coefficient n-octanol/water (Log Pow)	2.86 – 3.79

### 12.4. Mobility in soil

#### Alcohol C9-11, ethoxylated (68439-46-3)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	270.43 – 7231.54
--	------------------

# Food Cleaner Concentrated A1 NSF

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The substance/mixture has no endocrine disrupting properties.

### 12.7. Other adverse effects

Additional information : Danger of drinking-water pollution (ground water). Avoid release to the environment.  
Harmful to aquatic life

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Do not dispose of with domestic waste. Prevent entry to sewers and public waters.  
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Additional information : Then wash with water and detergent.

## SECTION 14: Transport information

In accordance with / / ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

# Food Cleaner Concentrated A1 NSF

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

##### VOC Directive (2004/42)

VOC content : 6 %

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# Food Cleaner Concentrated A1 NSF

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 16: Other information

#### Abbreviations and acronyms:

Abbreviations and acronyms:

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

ICAO: International Civil Aviation Organization

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

#### Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.