# FOOD PLANT AND OVEN CLEANER

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Revision date: 29/07/2025 Version: 10.46



Generated: 29/07/2025

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

#### 1.1. Product identifier

Product form : Mixture

Trade name : FOOD PLANT AND OVEN CLEANER

UFI : TRM3-A0JG-S00M-7UT4

Product code J002 Type of product Detergent

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

#### Relevant identified uses

: Professional use Main use category

Industrial/Professional use spec : For professional use only Use of the substance/mixture : Drain cleaner, pipe cleaner Oven, grill cleaner

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

#### **SELDEN RESEARCH LIMITED**

STADEN LANE BUXTON DERBYSHIRE SK17 9RZ UNITED KINGDOM

Tel: 01298 26226 Email: safety@selden.co.uk

#### SELDEN EUROPE B.V.

WATERMOLEN 13 6229 PM MAASTRICHT NEDERLAND

Tel: +31 (0) 43 363 42 89 Email: sds@selden.eu

### 1.4. Emergency telephone number

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	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 1A 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

### 2.2. Label elements

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

Hazard pictograms (CLP)



Document generated @ 29/07/2025 19:20:18 Page 1 of 10

# FOOD PLANT AND OVEN CLEANER

# Safety Data Sheet

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

GHS05

Signal word (CLP) : Danger

Contains : sodium hydroxide; caustic soda; potassium hydroxide; caustic potash

Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP) : P264 - Wash hands thoroughly after handling.

P280 - Wear face protection, protective gloves, protective clothing.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water or shower.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P315 - Get immediate medical advice/attention.

P405 - Store locked up.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 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**

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium hydroxide; caustic soda substance with national workplace exposure limit(s) (IE, GB)	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892- 27	15 – 30	Skin Corr. 1A, H314
potassium hydroxide; caustic potash substance with national workplace exposure limit(s) (IE, GB)	CAS-No.: 1310-58-3 EC-No.: 215-181-3 EC Index-No.: 019-002-00-8 REACH-no: 01-2119487136- 33	5 – 10	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
sodium hydroxide; caustic soda	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892- 27	$(0.5 \le C < 2)$ Skin Irrit. 2; H315 $(0.5 \le C < 2)$ Eye Irrit. 2; H319 $(2 \le C < 5)$ Skin Corr. 1B; H314 $(5 \le C \le 100)$ Skin Corr. 1A; H314
potassium hydroxide; caustic potash	CAS-No.: 1310-58-3 EC-No.: 215-181-3 EC Index-No.: 019-002-00-8 REACH-no: 01-2119487136- 33	$(0.5 \le C < 2)$ Skin Irrit. 2; H315 $(0.5 \le C < 2)$ Eye Irrit. 2; H319 $(2 \le C < 5)$ Skin Corr. 1B; H314 $(5 \le C \le 100)$ Skin Corr. 1A; H314

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

Document generated @ 29/07/2025 19:20:18 Page 2 of 10

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 : Get medical advice/attention if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off immediately all contaminated clothing and wash it

before reuse. Get immediate medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. Get immediate medical advice/attention.

First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Get medical advice/attention.

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

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Burns.

Symptoms/effects after eye contact : Causes serious eye damage.

Symptoms/effects after ingestion : Burns.

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

Treat symptomatically.

# **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.

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

Hazardous decomposition products in case of fire : Corrosive vapours.

#### 5.3. Advice for firefighters

No additional information available

### **SECTION 6: Accidental release measures**

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

For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Use personal protective equipment as required.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Collect spillage.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

Document generated @ 29/07/2025 19:20:18 Page 3 of 10

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 : Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product.

# 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.

Storage conditions : Keep container closed when not in use.

Incompatible products : Oxidizing agent. Strong acids.

Incompatible materials : Metals.

Special rules on packaging : Keep only in original container.

# 7.3. Specific end use(s)

No additional information available

# SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

National occupational exposure and biological limit values

sodium hydroxide; caustic soda (1310-73-2)		
Ireland - Occupational Exposure Limits		
Local name	Sodium hydroxide	
OEL STEL	2 mg/m³	
Remark	Advisory OELV (Advisory Occupational Exposure Limit Values)	
Regulatory reference	Chemical Agents Code of Practice 2024	
United Kingdom - Occupational Exposure Limits		
Local name	Sodium hydroxide	
WEL STEL (OEL STEL)	2 mg/m³	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
potassium hydroxide; caustic potash (1310-58-3)		
Ireland - Occupational Exposure Limits	Ireland - Occupational Exposure Limits	
Local name	Potassium hydroxide	
OEL STEL	2 mg/m³	
Regulatory reference	Code of Practice for the Chemical Agents Regulations 2018	
United Kingdom - Occupational Exposure Limits		
Local name	Potassium hydroxide	
WEL STEL (OEL STEL)	2 mg/m³	
Regulatory reference	EH40/2005 (Third edition, 2018). HSE	

### 8.2. Exposure controls

#### **Appropriate engineering controls**

# Appropriate engineering controls:

Ensure good ventilation of the work station.

Document generated @ 29/07/2025 19:20:18 Page 4 of 10

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

#### Personal protection equipment

### Personal protective equipment symbol(s):









#### Eye and face protection

#### Eye protection:

Wear a face shield. Face shield. ISO 16321-1

#### **Skin protection**

#### Skin and body protection:

Wear protective clothing. Wear suitable protective clothing

#### Hand protection:

Wear protective gloves. Chemical resistant gloves (according to European standard ISO 374-1 or equivalent). Nitrile rubber gloves

#### Other skin protection

#### Materials for protective clothing:

Safety boots. PICM008

#### **Respiratory protection**

#### Respiratory protection:

Not required for normal conditions of use

# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour : brown. Appearance : Liquid. Odour : odourless. Odour threshold : Not available Melting point : Not available : Not available Freezing point Boiling point : ≥ 100 °C Flammability : Not available Lower explosion limit : Not available Upper explosion limit : Not available Flash point : Not available Auto-ignition temperature : Not available Decomposition temperature : Not available : 13

Viscosity, kinematic : Not available Solubility : Soluble in water. Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50°C Not available Not available

: 1.36 Relative density

Relative vapour density at 20°C : Not available Particle characteristics : Not applicable

#### 9.2. Other information

Density

No additional information available

Document generated @ 29/07/2025 19:20:18

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

### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Metals. Acids.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### **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

Skin corrosion/irritation : Causes severe skin burns.

pH: 13

### potassium hydroxide; caustic potash (1310-58-3)

pH ≈ 13.5 Temp.: 25 °C Concentration: 5,611 g/L

Serious eye damage/irritation : Causes serious eye damage.

pH: 13

#### potassium hydroxide; caustic potash (1310-58-3)

pH ≈ 13.5 Temp.: 25 °C Concentration: 5,611 g/L

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

# 11.2. Information on other hazards

No additional information available

# **SECTION 12: Ecological information**

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term

: Not classified

(acute)

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

(chronic)

Document generated @ 29/07/2025 19:20:18 Page 6 of 10

# FOOD PLANT AND OVEN CLEANER

# Safety Data Sheet

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

sodium hydroxide; caustic soda (1310-73-2)	
LC50 - Fish [1]	> 35 mg/l
EC50 - Other aquatic organisms [1]	> 33 mg/l waterflea

# 12.2. Persistence and degradability

Persistence and degradability	Rapidly degradable
sodium hydroxide; caustic soda (1310-73-2)	
Persistence and degradability	Rapidly degradable
potassium hydroxide; caustic potash (1310-58-3)	
Persistence and degradability Rapidly degradable	

### 12.3. Bioaccumulative potential

sodium hydroxide; caustic soda (1310-73-2)	
Partition coefficient n-octanol/water (Log Pow)	-3.88

# 12.4. Mobility in soil

No additional information available

# 12.5. Results of PBT and vPvB assessment

No additional information available

# 12.6. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

No additional information available

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

Regional waste regulation : Dispose of in accordance with relevant local regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

European List of Waste (LoW, EC 2000/532) : 20 01 29\* - detergents containing dangerous substances

# **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
14.1. UN number or ID number		
Not regulated for transport		
14.2. UN proper shipping name		
CAUSTIC ALKALI LIQUID, N.O.S. Caustic alkali liquid, n.o.s.		Caustic alkali liquid, n.o.s.
14.3. Transport hazard class(es)		
8	8	8

Document generated @ 29/07/2025 19:20:18 Page 7 of 10

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

ADR	IMDG	IATA
8	B	8
4.4. Packing group		
II	II	II
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-A EmS-No. (Spillage): S-B	Dangerous for the environment: No

# 14.6. Special precautions for user

#### **Overland transport**

Classification code (ADR) : C5
Special provisions (ADR) : 274
Limited quantities (ADR) : 11
Excepted quantities (ADR) : E2

Packing instructions (ADR) : P001, IBC02
Mixed packing provisions (ADR) : MP15
Portable tank and bulk container instructions (ADR) : T11
Portable tank and bulk container special provisions : TP2, TP27

(ADR)

Tank code (ADR) : L4BN
Vehicle for tank carriage : AT
Transport category (ADR) : 2
Hazard identification number (Kemler No.) : 80

Hazard identification number (Kemler No.) : 80
Orange plates : •

80 1719

Tunnel restriction code (ADR) : E EAC code : 2R

#### Transport by sea

Special provisions (IMDG) : 274 Limited quantities (IMDG) : 1L Excepted quantities (IMDG) : E2 Packing instructions (IMDG) : P001 : IBC02 IBC packing instructions (IMDG) : T11 Tank instructions (IMDG) Tank special provisions (IMDG) : TP2, TP27 Stowage category (IMDG) : A

### Air transport

PCA Excepted quantities (IATA) : E2 : Y840 PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) : 0.5L PCA packing instructions (IATA) : 851 PCA max net quantity (IATA) : 1L CAO packing instructions (IATA) : 855 CAO max net quantity (IATA) : 30L Special provisions (IATA) : A3 ERG code (IATA) : 8L

Document generated @ 29/07/2025 19:20:18 Page 8 of 10

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

#### **EU-Regulations**

Other information, restriction and prohibition regulations

: Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and all its amendments and modifications. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 and all its amendments and modifications. Detergent Regulation (EC 648/2004).

#### **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 (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

#### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

### **Detergent Regulation (EC 648/2004)**

Labelling of contents	
Component	%
non-ionic surfactants	<5%

#### **Explosives Precursors Regulation (EU 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 (EC 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)

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Detergent Regulation (EC 648/2004).

Full text of H- and EUF	I-statements:
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4

Document generated @ 29/07/2025 19:20:18 Page 9 of 10

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

Full text of H- and EUH-statements:	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Skin Corr. 1A	H314	Calculation method
Eye Dam. 1	H318	Calculation method

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.

Document generated @ 29/07/2025 19:20:18 Page 10 of 10