

# Safety data sheet

Revision: 07-02-2014  
Replaces: 25-03-2010  
Version: 02.00/EU-UK

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

### 1.1. Product identifier

Trade name: Sterling Oven and Grill Cleaner, spray

Item number: 511

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

Recommended uses: Oven and Grill Cleaner

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

Distributor: Sterling Polish Company A/S  
Nybrovej 95  
2820 Gentofte  
Denmark  
Tel: +45 45877044  
Fax: +45 45930070  
Email: sterlingpolish@sterlingpolish.dk

### 1.4. Emergency telephone number

Emergency telephone number: +45 45 87 70 44  
Emergency telephone comments: The emergency telephone is open between 8 a.m. and 4 p.m. on workdays.

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

DPD-classification (Directive 1999/45/EC): C;R35

*Please see section 16 for the full text of R-phrases and H-phrases.*

Most serious harmful effects: Causes severe burns.

### 2.2. Label elements



Corrosive

Contains: potassium hydroxide

Hazard designation: Corrosive

R-phrases: Causes severe burns.(R35)

S-phrases: Keep locked up and out of the reach of children.(S1/2)  
Do not breathe vapour/spray.(S23-DA)  
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.(S26)  
Wear suitable protective clothing, gloves and eye/face protection.(S36/37/39)  
In case of accident or if you feel unwell, seek medical advice immediately (show label where

possible).(S45)

Other labelling: Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. 20 % by mass of the contents are flammable.

### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Registration number	CAS/EC No.	Substance	DSD-classification (Directive 67/548/EEC)/CLP-classification (Regulation (EC) No 1272/2008)	w/w%	Note
.	646-06-0	1,3-dioxolane	F;R11	10-20	.
.	211-463-5	.	Flam. Liq. 2;H225	.	.
.	74-98-6	Propane	Fx;R12	1-5	.
.	200-827-9	.	Flam. Gas 1;H220 Press. Gas	.	.
.	106-97-8	Butane (containing < 0,1 % butadiene	Fx;R12	1-5	.
.	203-448-7	(203-450-8))	Flam. Gas 1;H220 Press. Gas	.	.
.	1310-58-3	Potassium hydroxide	Xn;R22 C;R35	<2	.
.	215-181-3	.	Acute Tox. 4;H302 Skin Corr. 1A;H314	.	.

Please see section 16 for the full text of R-phrases and H-phrases.

Other information: Pursuant to Regulation (EC) No. 648/2004 on detergents:  
5% or over but less than 15%:  
aliphatic hydrocarbons  
less than 5%:  
soap

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation: Seek fresh air. Seek medical advice in case of persistent discomfort.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. Seek medical advice immediately.

Skin: Remove contaminated clothing. Wash the skin thoroughly with water and continue washing for a long time. Seek medical advice in case of persistent discomfort.

Eyes: Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice immediately. Continue flushing until medical attention is obtained.

Burns: Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.

Other information: When obtaining medical advice, show the safety data sheet or label.

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

Has a caustic burning effect and causes burning pain, reddening, blistering and burning sores if it comes in contact with skin. Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.

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

Treat symptoms. No special immediate treatment required. Ensure that medical personnel are aware of the material involved, and take precautions to protect themselves.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.

Unsuitable extinguishing media Do not use water stream, as it may spread the fire.

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

Heating will cause a rise in pressure in packaging with a risk of bursting. CAUTION! Aerosol containers may explode.

### 5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with a chemical

protection suit.

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## SECTION 6: Accidental release measures

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

For non-emergency personnel: Provide adequate ventilation. Smoking and naked flames prohibited. In case of insufficient ventilation, wear respiratory protective equipment. Wear safety goggles. Wear gloves.

For emergency responders: In addition to the above: Chemical protective suit equivalent to EN 943-2 is recommended.

### 6.2. Environmental precautions

Avoid unnecessary release to the environment.

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

Wipe up drops and splashes with a cloth. Caution! Causes burns. Rinse with water.

### 6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Smoking and naked flames prohibited. Running water and eye wash equipment must be available. Use the product under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work.

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

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Private users must keep the product under lock. This requirement does not apply to commercial use. Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not store with the following: Strong acids.

### 7.3. Specific end use(s)

None.

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Legal basis: Commission Directive 2000/39/EC. Last amended by Commission Directive 2009/161/EU.

Contains no substances subject to reporting requirements.

### 8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles/face protection. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Wear plastic or rubber protective gloves. Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: In case of risk of formation of spray mist, wear respiratory protective equipment with P2 filter. Respiratory protection must conform to one of the following standards: EN 136/140/145.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

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## SECTION 9: Physical and chemical properties

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

State: Aerosol / Foam

Colour: Colourless

Odour: Characteristic

Odour threshold: No data

pH (solution for use): No data

pH (concentrate): > 13

Melting point/freezing point: No data

Initial boiling point and boiling range: No data

Flash point: No data

Evaporation rate: No data

Flammability (solid, gas): No data

Upper/lower flammability limits: No data

Upper/lower explosive limits: No data

Vapour pressure: No data

Vapour density:	No data
Relative density:	No data
Solubility:	Soluble in the following: Water.
Partition coefficient n-octanol/water:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data
Explosive properties:	No data
Oxidising properties:	No data

## 9.2. Other information

None.

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with the following: Acids.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

### 10.5. Incompatible materials

Acids.

### 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity - oral:	Spray mist in mouth may irritate mucous membranes in mouth and throat. The product does not have to be classified. Test data are not available.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
Skin corrosion/irritation:	Has a caustic burning effect and causes burning pain, reddening, blistering and burning sores if it comes in contact with skin.
Serious eye damage/eye irritation:	Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.
Sensitisation:	The product does not have to be classified. Test data are not available.
Mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Toxicity in case of single exposure:	Irritates mucous membranes in mouth and gastrointestinal tract. The product does not have to be classified. Test data are not available.
Toxicity in case of repeated or prolonged exposure:	The product does not have to be classified. Test data are not available.
Aspiration hazard:	The product does not have to be classified. Test data are not available.
Other toxicological effects:	Ingestion may cause caustic burning in mouth, oesophagus and stomach. Pains in mouth, throat and stomach. Difficulty swallowing, feeling unwell and vomiting of blood. Brown spots and burns may appear in and around the mouth.

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## SECTION 12: Ecological information

### 12.1. Toxicity

The product does not have to be classified. Test data are not available.

### 12.2. Persistence and degradability

Test data are not available.

### 12.3. Bioaccumulative potential

No bioaccumulation expected.

### 12.4. Mobility in soil

Test data are not available.

### 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

### 12.6. Other adverse effects

The product affects the pH value of the local aquatic environment.

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Avoid unnecessary release to the environment. Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility with the specifications set out below.

Aerosol sprays:

EWC code: 16 05 04 Gases in pressure containers containing dangerous substances.

Absorbent/cloth contaminated with the product:

EWC code: 15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances.

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## SECTION 14: Transport information

### ADR/RID

14.1. UN number 1950

14.2. UN proper shipping name AEROSOLS

14.3. Transport hazard class(es) 2.2+8

14.4. Packing group -

Hazard identification number

Tunnel restriction code: E

14.5. Environmental hazards The product should not be labelled as an environmental hazard (symbol: fish and tree).

### ADN

14.1. UN number 1950

14.2. UN proper shipping name AEROSOLS

14.3. Transport hazard class(es) 2.2+8

14.4. Packing group

14.5. Environmental hazards The product should not be labelled as an environmental hazard (symbol: fish and tree).

Environmental hazard in tank vessels: -

### IMDG

14.1. UN number 1950

14.2. UN proper shipping name AEROSOLS

14.3. Transport hazard class(es) 2.2+8

14.4. Packing group -

14.5. Environmental hazards	The product is not a Marine Pollutant (MP).
IMDG Code segregation group:	18 - Alkalis
<b>ICAO/IATA</b>	
14.1. UN number	1950
14.2. UN proper shipping name	AEROSOLS, NON-FLAMMABLE, CONTAINING SUBSTANCES IN CLASS 8, PACKING GROUP II
14.3. Transport hazard class(es)	2.2+8
14.4. Packing group	-
14.5. Environmental hazards	The product should not be labelled as an environmental hazard (symbol: fish and tree).
<b>14.6. Special precautions for user</b>	None.
<b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

## SECTION 15: Regulatory information

Covered by: Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

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

Special provisions: None.

### 15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

## SECTION 16: Other information

Abbreviation explanations: PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very Persistent and Very Bioaccumulative

R-phrases: R11 Highly flammable.  
R12 Extremely flammable.  
R22 Harmful if swallowed.  
R35 Causes severe burns.

H-phrases: H220 Extremely flammable gas.  
H225 Highly flammable liquid and vapour.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.

Training: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Other information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

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