

## SAFETY DATA SHEET



## Suma Grill Hi-Temp D9.8

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 27.11.2015

Revision date 02.06.2022

### 1.1. Product identifier

Product name Suma Grill Hi-Temp D9.8

UFI 5CX0-V0MT-C005-W4RU

Article no. L-7521437

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

Product group AISE-P310 - Oven/Grill Cleaner. Manual process  
AISE-P311 - Oven/Grill Cleaner. Spray and wipe manual process

Use of the substance / mixture Oven- and grill cleaning. For professional use only.

Uses advised against Should only be used in areas mentioned above.

Industrial use Yes

Professional use Yes

Consumer use No

Use of chemical, comments AISE, International Association for Soaps, Detergents and Maintenance Products. To see what AISE codes means in accordance with REACH Use Descriptor System (SU, PC, PROC, ERC, AC), see excel-files at [www.aise.eu](http://www.aise.eu). Search for Institutional, Industrial or Consumer use mapping.

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

Company name Lilleborg

Office address Hoffsveien 21-23

Postal address Postboks 673 Skøyen, 0214 Oslo

Postcode 0275

City OSLO

Country Norway

|                  |                                                                                            |
|------------------|--------------------------------------------------------------------------------------------|
| Telephone number | 815 36 000                                                                                 |
| Email            | <a href="mailto:kundeservice.lilleborg@solenis.com">kundeservice.lilleborg@solenis.com</a> |
| Website          | <a href="http://www.lilleborg.no/">http://www.lilleborg.no/</a>                            |
| Enterprise No.   | 925745855                                                                                  |

## 1.4. Emergency telephone number

|                     |                                |
|---------------------|--------------------------------|
| Emergency telephone | Telephone number: 22 59 13 00  |
|                     | Description: Giftinformasjonen |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

|                           |                                                                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| CLP classification, notes | The product is not classified as hazardous according to EU CLP Regulation on classification, labelling and packaging of substances and mixtures. |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

### 2.2. Label elements

|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| Supplemental label information | EUH 210 Safety data sheet available on request. |
|--------------------------------|-------------------------------------------------|

### 2.3. Other hazards

|               |                                                                                      |
|---------------|--------------------------------------------------------------------------------------|
| PBT / vPvB    | This mixture does not contain any substances that are assessed to be a PBT or a vPvB |
| Other hazards | Not known.                                                                           |

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

| Substance           | Identification                                                                                                                                                                                             | Classification                                               | Contents | Notes |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------|-------|
| Potassium carbonate | CAS No.: 584-08-7<br>EC No.: 209-529-3<br>REACH Reg. No.:<br>01-2119532646-36-XXXX                                                                                                                         | Eye Irrit. 2; H319<br>Skin Irrit. 2; H315<br>STOT SE 3; H335 | 3 - 10 % |       |
| Substance comments  | All components with hazard label are given in accordance with "Regulations for registration, evaluation and authorisation of chemicals (REACH)."<br>Full text for H- and EUH-phrases to be found in pt 16. |                                                              |          |       |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|              |                                                                                                                              |
|--------------|------------------------------------------------------------------------------------------------------------------------------|
| General      | Show this safety data sheet to the doctor in attendance.                                                                     |
| Inhalation   | Call a POISON CENTER or doctor/physician if you feel unwell.                                                                 |
| Skin contact | Rinse with plenty of water. Call a POISON CENTER or doctor/physician if you feel unwell.                                     |
| Eye contact  | Remove any contact lenses. Rinse cautiously with water for several minutes. Get medical advice/attention if you feel unwell. |

|           |                                                                                                 |
|-----------|-------------------------------------------------------------------------------------------------|
| Ingestion | Rinse mouth. Drink 2-3 glasses of water or milk. Get medical advice if any discomfort develops. |
|-----------|-------------------------------------------------------------------------------------------------|

|                                                                    |                                                                        |
|--------------------------------------------------------------------|------------------------------------------------------------------------|
| Recommended personal protective equipment for first aid responders | Consider personal protective equipment as indicated in subsection 8.2. |
|--------------------------------------------------------------------|------------------------------------------------------------------------|

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

|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| General symptoms and effects | No known effects or symptoms associated with normal use. |
|------------------------------|----------------------------------------------------------|

|                            |            |
|----------------------------|------------|
| Acute symptoms and effects | Not known. |
|----------------------------|------------|

|                              |            |
|------------------------------|------------|
| Delayed symptoms and effects | Not known. |
|------------------------------|------------|

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

|                   |                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Medical treatment | Treat symptomatically. In case of ingestion or inhalation of large amounts, contact a specialist on poison treatment immediately. |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------|

|                                 |                    |
|---------------------------------|--------------------|
| Information on clinical testing | No data available. |
|---------------------------------|--------------------|

|                              |                  |
|------------------------------|------------------|
| Separate first aid equipment | Eye wash bottle. |
|------------------------------|------------------|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                              |                                                                                                                                           |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media | Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Scattered water jet. In case of major fire and large quantities: Alcohol resistant foam. |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|

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

|                            |                               |
|----------------------------|-------------------------------|
| Fire and explosion hazards | The product is not flammable. |
|----------------------------|-------------------------------|

### 5.3. Advice for firefighters

|                               |                                                                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Personal protective equipment | Clothing for fire-fighters conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 6: Accidental release measures

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

|                              |                                         |
|------------------------------|-----------------------------------------|
| Personal protection measures | Use protection if necessary. See pt. 8. |
|------------------------------|-----------------------------------------|

### 6.2. Environmental precautions

|                                      |                                                                                              |
|--------------------------------------|----------------------------------------------------------------------------------------------|
| Environmental precautionary measures | Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water. |
|--------------------------------------|----------------------------------------------------------------------------------------------|

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

|          |                                                                                                                                                            |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clean up | Large quantities should be picked up and treated as ordinary waste. Follow local regulations. Small quantities should be rinsed away with plenty of water. |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 6.4. Reference to other sections

|                    |                                                                                                                                                                                        |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Other instructions | See Section 1 for emergency phone number.<br>See Section 8 for information on appropriate personal protective equipment.<br>See Section 13 for additional waste treatment information. |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|          |                                                                                     |
|----------|-------------------------------------------------------------------------------------|
| Handling | Refer to section 8 (Exposure control/personal protection). Avoid contact with eyes. |
|----------|-------------------------------------------------------------------------------------|

### Protective safety measures

|                                        |                               |
|----------------------------------------|-------------------------------|
| Advice on general occupational hygiene | Wash hands after use/contact. |
|----------------------------------------|-------------------------------|

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

|         |                                    |
|---------|------------------------------------|
| Storage | Keep out of the reach of children. |
|---------|------------------------------------|

### Conditions for safe storage

|                           |                              |
|---------------------------|------------------------------|
| Packaging compatibilities | Store in original container. |
|---------------------------|------------------------------|

### 7.3. Specific end use(s)

|                 |                               |
|-----------------|-------------------------------|
| Recommendations | Cleaning of ovens and grills. |
|-----------------|-------------------------------|

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

|                             |                                |
|-----------------------------|--------------------------------|
| Control parameters comments | No exposure limit value known. |
|-----------------------------|--------------------------------|

### DNEL / PNEC

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Substance | Potassium carbonate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DNEL      | <p><b>Group:</b> Professional<br/><b>Route of exposure:</b> Long-term dermal (local)<br/><b>Value:</b> 16 mg/cm<sup>2</sup></p> <p><b>Group:</b> Consumer<br/><b>Route of exposure:</b> Long-term dermal (local)<br/><b>Value:</b> 8 mg/cm<sup>2</sup></p> <p><b>Group:</b> Professional<br/><b>Route of exposure:</b> Long-term inhalation (local)<br/><b>Value:</b> 10 mg/m<sup>3</sup></p> <p><b>Group:</b> Consumer<br/><b>Route of exposure:</b> Long-term inhalation (local)<br/><b>Value:</b> 10 mg/m<sup>3</sup></p> |

Summary of risk management measures, human

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

## 8.2. Exposure controls

### Precautionary measures to prevent exposure

Appropriate engineering controls

Ensure adequate ventilation. Eyewash facilities should be available at the work place.

### Eye / face protection

Suitable eye protection

Use goggles or faceshield if risk for splash in eyes. (EN 166)

Eye protection, comments

Normally not necessary.

### Hand protection

Skin- / hand protection, short term contact

Gloves are normally not necessary.

Skin- / hand protection, long term contact

Use ordinary rubber gloves, especially if repeated or prolonged skin contact is possible.

Hand protection, comments

Vask alltid hendene etter bruk. Wear suitable protective gloves if prolonged or repeated contact with skin.

### Skin protection

Skin protection remark

Normally not necessary.

### Respiratory protection

Respiratory protection, comments

Normally not necessary. Inhalering av støv, damp eller spraytåke bør unngås.

## SECTION 9: Physical and chemical properties

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

Physical state

Liquid.

Colour

Clear, Blue.

Odour

Product specific

pH

Status: In delivery state  
Value: ~ 11

Melting point / melting range

Comments: Not determined.

Freezing point

Comments: Not determined.

Boiling point / boiling range

Comments: Not determined.

|                           |                                            |
|---------------------------|--------------------------------------------|
| Flash point               | Comments: Not determined.                  |
| Evaporation rate          | Comments: Not determined.                  |
| Vapour pressure           | Comments: Not determined.                  |
| Vapour density            | Comments: Not determined.                  |
| Relative density          | Value: ~ 1,25<br>Temperature: 20 °C        |
| Solubility                | Medium: Water<br>Comments: Fully miscible. |
| Auto-ignition temperature | Comments: Not determined.                  |
| Decomposition temperature | Comments: Not applicable.                  |
| Viscosity                 | Value: 36 mPa.s<br>Temperature: 20 °C      |
| Explosive properties      | The product is not explosive.              |
| Oxidising properties      | The product is not oxidizing.              |

## 9.2. Other information

### Physical hazards

|                     |                                      |
|---------------------|--------------------------------------|
| Corrosive to metals | Assessment: Not corrosive to metals. |
|---------------------|--------------------------------------|

#### 9.2.2. Other safety characteristics

|             |                                      |
|-------------|--------------------------------------|
| Miscibility | Soluble in water in all proportions. |
|-------------|--------------------------------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|            |                                                   |
|------------|---------------------------------------------------|
| Reactivity | There is no danger during storage and normal use. |
|------------|---------------------------------------------------|

### 10.2. Chemical stability

|           |                                         |
|-----------|-----------------------------------------|
| Stability | Stable under normal storing conditions. |
|-----------|-----------------------------------------|

### 10.3. Possibility of hazardous reactions

|                                    |                                                                                 |
|------------------------------------|---------------------------------------------------------------------------------|
| Possibility of hazardous reactions | Under normal conditions of storage and use, hazardous reactions will not occur. |
|------------------------------------|---------------------------------------------------------------------------------|

### 10.4. Conditions to avoid

|                     |             |
|---------------------|-------------|
| Conditions to avoid | None known. |
|---------------------|-------------|

### 10.5. Incompatible materials

|                    |                    |
|--------------------|--------------------|
| Materials to avoid | Reacts with acids. |
|--------------------|--------------------|

### 10.6. Hazardous decomposition products

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products will not occur.

## SECTION 11: Toxicological information

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

Acute toxicity

Type of toxicity: Acute  
Effect tested: ATEmix calculated  
Route of exposure: Oral  
Value: > 5000

Substance

Potassium carbonate

Acute toxicity

**Effect tested:** LD50  
**Route of exposure:** Oral  
**Method:** OECD 401  
**Value:** > 2000 mg/kg  
**Animal test species:** Rat

**Effect tested:** LD50  
**Route of exposure:** Dermal  
**Method:** Not given  
**Value:** > 2000 mg/kg  
**Animal test species:** Rabbit

**Effect tested:** LD50  
**Route of exposure:** Inhalation.  
**Value:** > 4,9 mg/l  
**Animal test species:** Rat

### Other information regarding health hazards

General

Not known or expected to be harmful to health in normal use.

Inhalation

The product does not contain volatile substances. Thus there are no risks for inhalation of hazardous fumes.

Skin contact

Not corrosive or irritant. Repeated or prolonged contact with neat product or washing solution can cause drying of the skin.

Eye contact

Splash from neat product or solution in eyes may irritate.

Ingestion

Ingestion of large quantities may cause vomiting and diarrhoea.

Sensitisation

Contains no substances known to be or suspected to be sensitizers.

Mutagenicity

Contains no substances known to cause heritable genetic damage.

Carcinogenicity, other information

Contains no substances known as carcinogenic.

Reproductive toxicity

Contains no substances known or to mimic or disturb hormones or suspected to be harmful to reproduction.

Assessment of specific target organ toxicity - single exposure, classification

Does not contain any substance above the cut off value, that is classified for specific target organ toxicity - single exposure.

Assessment of specific target organ toxicity - repeated exposure, classification

Does not contain any substance above the cut off value, that is classified for specific target organ toxicity - repeated exposure.

Aspiration hazard, comments

Not classified as Asp. Tox., based on the available information for the components.

## 11.2 Other information

### SECTION 12: Ecological information

#### 12.1. Toxicity

Substance

Potassium carbonate

Aquatic toxicity, fish

**Toxicity type:** Acute  
**Value:** 68 mg/l  
**Effect dose concentration:** LC50  
**Exposure time:** 96 hour(s)  
**Species:** Oncorhynchus mykiss  
**Method:** Not given

**Toxicity type:** Chronic  
**Value:** 33 mg/l  
**Effect dose concentration:** NOEC  
**Exposure time:** 96 hour(s)  
**Species:** Oncorhynchus mykiss

Substance

Potassium carbonate

Aquatic toxicity, crustacean

**Toxicity type:** Acute  
**Value:** 200 mg/l  
**Effect dose concentration:** EC50  
**Exposure time:** 48 hour(s)  
**Species:** Daphnia magna  
**Method:** Not given

**Toxicity type:** Chronic  
**Value:** 120 mg/l  
**Effect dose concentration:** NOEC  
**Exposure time:** 48 hour(s)  
**Species:** Daphnia magna

#### 12.2. Persistence and degradability

Persistence and degradability description/evaluation

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents.

#### 12.3. Bioaccumulative potential

Bioaccumulation, comments

Not expected to bioaccumulate.

#### 12.4. Mobility in soil

Mobility

Dissolves in water.

#### 12.5. Results of PBT and vPvB assessment



Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

## 12.6. Endocrine disrupting properties

Endocrine disrupting properties

Contains no substances known or to mimic or disturb hormones or suspected to be harmful to reproduction.

## 12.7. Other adverse effects

Additional ecological information

Ecological damage is not known or expected under normal use.

# SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Appropriate methods of disposal for the chemical

Should be treated in accordance with instructions for dangerous waste. (Forskrift om farlig avfall).

EWC waste code

EWC waste code: 200130 detergents other than those mentioned in 20 01 29

Other information

Norwegian wasteno. 7135 Alkaline organic waste.

# SECTION 14: Transport information

Dangerous goods

No

## 14.1. UN number

Comments

Not classified as dangerous goods on sea, road or rail due to ADR/RID/IMDG-regulations.

## 14.2. UN proper shipping name

Comments

Not classified as dangerous goods on sea, road or rail according to ADR/RID/IMDG-regulations.

## 14.3. Transport hazard class(es)

Comments

Not classified as dangerous goods on sea, road or rail due to ADR/RID/IMDG-regulations.

## 14.4. Packing group

Comments

Not classified as dangerous goods on sea, road or rail due to ADR/RID/IMDG-regulations.

## 14.5. Environmental hazards

ADR/RID/ADN

Not classified as dangerous for the environment according to ADR/RID.

IMDG

Not classified as Marine Pollutant.

## 14.6. Special precautions for user

Special safety precautions for user

Not classified as dangerous goods on sea, road or rail due to ADR/RID/

IMDG-regulations.

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

Ship type required

Not relevant.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

Detergents

Ingredients according to 648/2004/EU (Detergent Directive):  
 Soap: <5%

Legislation and regulations

Registration, evaluation and authorisation of chemicals (REACH).  
 Regulation on the classification, labelling and packaging of substances and mixtures (CLP).  
 Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.  
 Regulation relating to the recycling of waste (Waste regulation).  
 Regulations related to pollution in the working atmosphere (Ministry of Labour and Social Affairs).  
 Transport labelling is in accordance with the ADR/RID/IMDG-regulations.

**15.2. Chemical safety assessment**

Chemical safety assessment performed

Yes

Chemical safety assessment

Action/recommendations given under the various sections are based on evaluations and implementations of information in received exposure scenarios (ES).

**SECTION 16: Other information**

Supplier's notes

Information given is intended to present guidelines for safe handling, use, processing, storage, transport, disposal and discharge; it is not intended to be a guarantee or quality specification. The information in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

List of relevant H-phrases (Section 2 and 3)

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.

Training advice

For professional use only.

Key literature references and sources for data

Information from manufacturer  
<https://echa.europa.eu/information-on-chemicals>

Information added, deleted or revised

Updated according to internal procedures.  
 Replace SDS dated: 09.08.2017

Version

2

URL for user guide

<https://www.lilleborg.no/>

URL for technical data

<https://www.lilleborg.no/>