

## Suma Grill Hi-Temp D9.8

Revision: 2025-08-04  
First release : 7-14-2016-

Version: 05.0

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

#### 1.1 Product identifier

Trade name: Suma Grill Hi-Temp D9.8

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

**Product use:** Oven/Grill cleaner.  
For professional use only.

**Uses advised against:** Uses other than those identified are not recommended.

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

Diversey Europe Operations BV, De Corridor 4, 3621ZB Breukelen [Maarssebroeksedijk 2, 3542DN Utrecht], The Netherlands

#### Contact details

Diversey Kimya Sanayi ve Ticaret A.Ş  
Barbaros Mah. Ihlamur Bul.  
No: 3 İç Kapı No: 67 Ataşehir, İstanbul, Türkiye  
Tel: 0216 578 64 00, Faks: 0216 578 64 01

#### 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible)  
Ulusal Zehir Danışma Merkezi (UZEM): 114  
Acil Sağlık Hizmetleri: 112

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Eye irritation, Category 2 (H319)

#### 2.2 Label elements



**Signal word:** Warning.

#### Hazard statements:

H319 - Causes serious eye irritation.

#### 2.3 Other hazards

No other hazards known.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Ingredient(s)	CAS number	EC number	Classification	Weight percent
potassium carbonate	584-08-7	209-529-3	Specific target organ toxicity - Single exposure, Category 3 (H335) Skin irritation, Category 2 (H315) Eye irritation, Category 2 (H319)	3-10
fatty acids, C12-18, potassium salts	91032-02-9	293-008-0	Eye irritation, Category 2 (H319)	1-3

[4] Polymer.

Workplace exposure limit(s), if available, are listed in subsection 8.1.  
For the full text of the H and EUH phrases mentioned in this Section, see Section 16.

### SECTION 4: First aid measures

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#### 4.1 Description of first aid measures

**Inhalation:** Get medical attention or advice if you feel unwell.  
**Skin contact:** Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.  
**Eye contact:** Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical attention.  
**Ingestion:** Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.  
**Self-protection of first aider:** Consider personal protective equipment as indicated in subsection 8.2.

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

**Inhalation:** No known effects or symptoms in normal use.  
**Skin contact:** No known effects or symptoms in normal use.  
**Eye contact:** Causes severe irritation.  
**Ingestion:** No known effects or symptoms in normal use.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing media:** Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.  
**Unsuitable extinguishing media:** Not applicable.

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

No special hazards known.

#### 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

### SECTION 6: Accidental release measures

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

Wear eye/face protection.

#### 6.2 Environmental precautions

Dilute with plenty of water. Do not allow to enter drainage system, surface or ground water.

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

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

#### 6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

##### Measures to prevent fire and explosions:

No special precautions required.

##### Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

##### Advice on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Diversey. Wash hands before breaks and at the end of workday. Avoid contact with eyes. Do not breathe spray. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

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

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

#### 7.3 Specific end use(s)

No specific advice for end use available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters Workplace exposure limits

Air limit values, if available:

Biological limit values, if available:

### 8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

**Appropriate engineering controls:** Provide a good standard of general ventilation.  
**Appropriate organisational controls:** Avoid direct contact and/or splashes where possible. Train personnel.

#### Personal protective equipment

**Eye / face protection:** Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product (EN 16321).  
**Hand protection:** Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.  
**Body protection:** No special requirements under normal use conditions.  
**Respiratory protection:** Respiratory protection is not normally required. However, inhalation of vapour, spray, gas or aerosols should be avoided. Trigger spray bottle application: No special requirements under normal use conditions. Apply technical measures to comply with the occupational exposure limits, if available.

**Environmental exposure controls:** No special requirements under normal use conditions.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Information in this section refers to the product, unless it is specifically stated that substance data is listed

#### Method / remark

**Physical state:** Liquid  
**Colour:** Clear , Blue  
**Odour:** Odourless  
**Odour threshold:** Not applicable  
**pH:** ≈ 11.25 (neat)  
**Melting point/freezing point (°C):** Not determined  
**Initial boiling point and boiling range (°C):** Not determined

ISO 4316  
Not relevant to classification of this product

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
potassium carbonate	Not applicable to solids or gases		1013
fatty acids, C12-18, potassium salts	No data available		

#### Method / remark

**Flammability (liquid):** Not flammable.  
**Flash point (°C):** Not determined  
**Sustained combustion:** Not applicable.  
( UN Manual of Tests and Criteria, section 32, L.2 )

**Evaporation rate:** Not determined  
**Flammability (solid, gas):** Not applicable to liquids  
**Lower and upper explosion limit/flammability limit (%):** Not determined

Not relevant to classification of this product

Substance data, flammability or explosive limits, if available:

#### Method / remark

**Vapour pressure:** Not determined

Substance data, vapour pressure

Ingredient(s)	Value	Method	Temperature
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	(Pa)		(°C)
potassium carbonate	2300	Method not given	
fatty acids, C12-18, potassium salts	No data available		

**Method / remark**

**Vapour density:** Not determined  
**Relative density:** ≈ 1.25 (20 °C)  
**Solubility in / Miscibility with water:** Fully miscible

OECD 109 (EU A.3)

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
potassium carbonate	1100	Method not given	20
fatty acids, C12-18, potassium salts	No data available		

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

**Method / remark**

**Autoignition temperature:** Not determined  
**Decomposition temperature:** Not applicable.  
**Kinematic viscosity:** Not determined  
**Explosive properties:** Not explosive.  
**Oxidising properties:** Not oxidising.

DM-006 Viscosity - Standard

**9.2 Other information**

**Surface tension (N/m):** Not determined  
**Corrosion to metals:** Not corrosive

OECD 115

Substance data, dissociation constant, if available:

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

### 10.2 Chemical stability

Stable under normal storage and use conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

### 10.4 Conditions to avoid

None known under normal storage and use conditions.

### 10.5 Incompatible materials

None known under normal use conditions.

### 10.6 Hazardous decomposition products

None known under normal storage and use conditions.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Mixture data: .

**Relevant calculated ATE(s):**

ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below:.

**Acute toxicity**

Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
potassium carbonate	LD <sub>50</sub>	> 2000	Rat	Method not given	
fatty acids, C12-18, potassium salts		No data available			

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Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
potassium carbonate	LD <sub>50</sub>	> 2000	Rabbit	Method not given	
fatty acids, C12-18, potassium salts		No data available			

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
potassium carbonate	LC <sub>50</sub>	No mortality observed		EPA OPP 81-3	
fatty acids, C12-18, potassium salts		No data available			

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
potassium carbonate	Irritant		Weight of evidence	
fatty acids, C12-18, potassium salts	No data available			

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
potassium carbonate	Irritant	Rabbit	OECD 405 (EU B.5)	
fatty acids, C12-18, potassium salts	No data available			

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
potassium carbonate	No data available			
fatty acids, C12-18, potassium salts	No data available			

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
potassium carbonate	Not sensitising	Guinea pig	Method not given	
fatty acids, C12-18, potassium salts	No data available			

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
potassium carbonate	No data available			
fatty acids, C12-18, potassium salts	No data available			

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
potassium carbonate	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13) OECD 473	No data available	
fatty acids, C12-18, potassium salts	No data available		No data available	

Carcinogenicity

Ingredient(s)	Effect
potassium carbonate	No data available
fatty acids, C12-18, potassium salts	No data available

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
potassium carbonate	NOAEL	Teratogenic effects	180	Rat	Not known		
fatty acids, C12-18, potassium salts			No data available				

Repeated dose toxicity

Sub-acute or sub-chronic oral toxicity

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Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
potassium carbonate	NOAEL	6054	Rat	Method not given	28	
fatty acids, C12-18, potassium salts		No data available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
potassium carbonate		No data available				
fatty acids, C12-18, potassium salts		No data available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
potassium carbonate	NOAEL	0.06	Rat	Read across	21	
fatty acids, C12-18, potassium salts		No data available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
potassium carbonate	Oral	NOAEL	2667	Rat	Read across	32 month(s)		
fatty acids, C12-18, potassium salts			No data available					

STOT-single exposure

Ingredient(s)	Affected organ(s)
potassium carbonate	No data available
fatty acids, C12-18, potassium salts	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
potassium carbonate	No data available
fatty acids, C12-18, potassium salts	No data available

Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3.

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

## SECTION 12: Ecological information

### 12.1 Toxicity

No data is available on the mixture .

Substance data, where relevant and available, are listed below:

Aquatic short-term toxicity

Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
potassium carbonate	LC <sub>50</sub>	68	<i>Oncorhynchus mykiss</i>	Method not given	96
fatty acids, C12-18, potassium salts		No data available			

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
potassium carbonate	EC <sub>50</sub>	200	<i>Daphnia pulex</i>	Method not given	48
fatty acids, C12-18, potassium salts		No data available			

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Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
potassium carbonate		No data available			
fatty acids, C12-18, potassium salts		No data available			

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
potassium carbonate		No data available			
fatty acids, C12-18, potassium salts		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
potassium carbonate		No data available			
fatty acids, C12-18, potassium salts		No data available			

**Aquatic long-term toxicity**

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
potassium carbonate		No data available				
fatty acids, C12-18, potassium salts		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
potassium carbonate		No data available				
fatty acids, C12-18, potassium salts		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

**Terrestrial toxicity**

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

**12.2 Persistence and degradability**

**Abiotic degradation**

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

**Biodegradation**

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT <sub>50</sub>	Method	Evaluation
potassium carbonate					Not applicable (inorganic substance)
fatty acids, C12-18, potassium salts					Not readily biodegradable.

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Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

### 12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
potassium carbonate	No data available		No bioaccumulation expected	
fatty acids, C12-18, potassium salts	No data available			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
potassium carbonate	No data available				
fatty acids, C12-18, potassium salts	No data available				

### 12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
potassium carbonate	No data available				Potential for mobility in soil, soluble in water
fatty acids, C12-18, potassium salts	No data available				

### 12.5 Other adverse effects

No other adverse effects known.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Waste from residues / unused products:**

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

**Empty packaging**

**Recommendation:**

Dispose of observing national or local regulations.

**Suitable cleaning agents:**

Water, if necessary with cleaning agent.

## SECTION 14: Transport information

**Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)**

14.1 UN number or ID number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

14.3 Transport hazard class(es): Non-dangerous goods

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Maritime transport in bulk according to IMO instruments: Non-dangerous goods

## SECTION 15: Regulatory information

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

### National regulations

• 11 Aralık 2013 tarihli, 28848 Sayılı, Maddelerin Ve Karışımların Sınıflandırılması, Etiketlenmesi Ve Ambalajlanması Hakkında Yönetmelik.

Ingredients according to EC Detergents Regulation 648/2004

soap

< 5 %

## SECTION 16: Other information

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*The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract*

**SDS code:** MS1100902

**Version:** 05.0

**Revision:** 2025-08-04

Regulated in accordance with the Regulation on Registration, Evaluation, Permission and Restriction of Chemicals (Official Gazette Date: 23.06.2017 Official Gazette Number: 30105 Duplicate)

**Edited by:**

Tuğçe KÜÇÜKKUL / Sertifikalı Kimyasal Değerlendirme Uzmanı  
Sertifika No ve tarihi: TÜV/ 11.229.07 – 02.01.2024  
Geçerlilik Tarihi: 02.01.2029  
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Tel: 0216 578 64 00, Faks: 0216 578 64 01

**Abbreviations and acronyms:**

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- ATE - Acute Toxicity Estimate
- DNEL - Derived No Effect Limit
- EC50 - effective concentration, 50%
- ERC - Environmental release categories
- EUH - CLP Specific hazard statement
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- LCS - Life cycle stage
- LD50 - Lethal Dose, 50% / Median Lethal dose
- NOAEL - No observed adverse effect level
- NOEL - No observed effect level
- OECD - Organisation for Economic Cooperation and Development
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- PROC - Process categories
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.
- H335 - May cause respiratory irritation.

**End of Safety Data Sheet**