

# SAFETY DATA SHEET

## MIDDLEBY NON-CAUSTIC OVEN AND GRILL CLEANER POWDER

Safety Data Sheet  
Middleby Non-Caustic Oven and Grill Cleaner Powder

SDS Revision Date: 12/15/2021

### 1. Identification

#### 1.1. Product identifier

##### Product Identity

Middleby Non-Caustic Oven and Grill Cleaner Powder

##### Alternate Names

Oven and Grill Cleaner Powder MNCPI & MNCPR1 & MNCPSKI

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

##### Intended use

See Technical Data Sheet.

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

##### Company Name

Magnus  
16005 Gateway Drive  
#300  
Frisco, TX 75033

##### Emergency

##### 24 hour Emergency Telephone No.

1-800-424-9300 Chemtrec

##### Customer Service: Magnus

855-9-MAGNUS

### 2. Hazard(s) identification

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

Acute Tox. 4;H302

Harmful if swallowed.

Skin Corr. 1B;H314

May cause severe skin burns and eye damage.

STOT SE 3;H335

May cause respiratory irritation.

#### 2.2. Label elements



**Danger**

H302 Harmful if swallowed.

H314 May cause severe skin burns and eye damage.

H335 May cause respiratory irritation.

#### [Prevention]:

P233 Keep container tightly closed.

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P261 Avoid breathing dust, fume, gas, mist, vapors, spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves, eye protection, face protection when required.

#### [Response]:

P301+312 IF SWALLOWED: Call a POISON CENTER, doctor or physician if you feel unwell.

P303+361+353 IF ON SKIN (or hair): Remove, take off immediately all contaminated clothing. Rinse skin with water, shower.

P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P312 Call a POISON CENTER, doctor or physician if you feel unwell.

P330 IF SWALLOWED: Rinse mouth.

P331 Do NOT induce vomiting.

P363 Wash contaminated clothing before reuse.

#### [Storage]:

P403+233 Store in a well ventilated place. Keep container tightly closed.

P405 Store locked up.

#### [Disposal]:

P501 Dispose of contents or container in accordance with local and national regulations.

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Disodium metasilicate CAS Number: 0006834-92-0	50 - 75	Skin Corr. 1B;H314 STOT SE 3;H335	----
Sodium carbonate CAS Number: 0000497-19-8	10 - 25	Eye Irrit. 2;H319	----
Sodium chloride CAS Number: 0007647-14-5	5 - 20	Not Classified	----
sodium dodecyl sulphate CAS Number: 0000151-21-3	5 - 15	Acute Tox. 4;H302 Skin Irrit. 2;H315 Eye Irrit. 2;H319	----
Alcohols, C9-11, ethoxylated CAS Number: 0068439-46-3	.5 - 5	Eye Dam. 1;H318	----
2-Hydroxyethyl cellulose CAS Number: 0009004-62-0	1 - 5	Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335	----

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

\*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

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#### Section 4. First aid measures

##### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

<b>Overview</b>	No specific symptom data available. Treat symptomatically. Check section 2.2 (GHS Label Elements) for further details.
<b>Inhalation</b>	May cause respiratory irritation.
<b>Skin</b>	May cause severe skin burns and eye damage.
<b>Ingestion</b>	Harmful if swallowed.

#### Section 5. Fire-fighting measures

##### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Unsuitable extinguishing media: Do not use; water jet.

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

Hazardous decomposition: No hazardous decomposition data available.  
Keep container tightly closed.  
Avoid breathing dust, fume, gas, mist, vapors, spray.

##### 5.3. Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

**ERG Guide No.** ----

#### Section 6. Accidental release measures

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

Put on appropriate personal protective equipment (see section 8).

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Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

#### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

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

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

## Section 7. Handling and storage

#### 7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]:

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

Incompatible materials: No available information

Check section 2.2 (GHS Label Elements) for further details. - [Storage]:

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

No available information

## Section 8. Exposure controls / personal protection

### 8.1. Control parameters

CAS No.	Ingredient	Exposure	
		Source	Value
0000151-21-3	sodium dodecyl sulphate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0000497-19-8	Sodium carbonate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0006834-92-0	Disodium metasilicate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	ACHAN TLV/OSHA 2mg/m <sup>3</sup> PEL 2mg/m <sup>3</sup>
0007647-14-5	Sodium chloride	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0009004-62-0	2-Hydroxyethyl cellulose	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0068439-46-3	Alcohols, C9-11, ethoxylated	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

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	Supplier	No Established Limit
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#### 8.2. Exposure controls

**Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**Eyes** Protective safety glasses recommended

**Skin** Avoid skin contact. Protective gloves recommended.

**Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]:

## Section 9. Physical and chemical properties

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

##### Appearance

**Color** White

**Physical State** Powder

**Odor** Odorless

**Odor threshold** No available information

**pH** No available information

**Melting point / freezing point** No available information

**Initial boiling point and boiling range** No available information

**Flash Point** °F °C, Test method: (Open/Close cup)

**Evaporation rate (Ether = 1)** No available information

**Flammability (solid, gas)** No available information

**Upper/lower flammability or explosive limits** **Lower Explosive Limit:** No available information

**Upper Explosive Limit:** No available information

**Vapor pressure (Pa)** No available information

**Vapor Density** No available information

**Relative Density** No available information

**Solubility in Water** Completely Soluble

**Partition coefficient n-octanol/water (Log Kow)** No available information

**Auto-ignition temperature** No available information

**Decomposition temperature** No available information

**Viscosity (cSt)** No available information

#### 9.2. Other information

No other relevant information.

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#### Section 10. Stability and reactivity

##### 10.1. Reactivity

Hazardous Polymerization will not occur.

##### 10.2. Chemical stability

Stable under normal circumstances.

##### 10.3. Possibility of hazardous reactions

No available information

##### 10.4. Conditions to avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

##### 10.5. Incompatible materials

No available information

##### 10.6. Hazardous decomposition products

No hazardous decomposition data available.

#### Section 11. Toxicological information

##### Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Disodium metasilicate - (6834-92-0)	820.00, Mouse - Category: 4	> 5,000.00, Rat - Category: NA	No data available	No data available	No data available
Sodium carbonate - (497-19-8)	2,800.00, Rat - Category: 5	> 2,000.00, Rabbit - Category: NA	No data available	No data available	No data available
Sodium chloride - (7647-14-5)	No data available	> 10,000, Rabbit - Category: NA	No data available	No data available	No data available
sodium dodecyl sulphate - (151-21-3)	1,501.00, Rat - Category: 4	>2,000.00, Rat - Category: 4	No data available	No data available	No data available
Alcohols, C9-11, ethoxylated - (68439-46-3)	5,051.00, Rat - Category: NA	>2,000.00, Rabbit - Category: 5	No data available	No data available	No data available
2-Hydroxyethyl cellulose - (9004-62-0)	No data available	No data available	No data available	No data available	No data available

##### Carcinogen Data

CAS No.	Ingredient	Source	Value
0000151-21-3	sodium dodecyl sulphate	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0000497-19-8	Sodium carbonate	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0006834-92-0	Disodium metasilicate	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No

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		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0007647-14-5	Sodium chloride	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0009004-62-0	2-Hydroxyethyl cellulose	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0068439-46-3	Alcohols, C9-11, ethoxylated	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	4	Harmful if swallowed.
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1B	Causes severe skin burns and eye damage.
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	3	May cause respiratory irritation.
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

## Section 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

#### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Disodium metasilicate - (6834-92-0)	260.00, Oncorhynchus mykiss	33.53, Ceriodaphnia dubia	400.00 (72 hr), Pseudokirchneriella subcapitata
Sodium carbonate - (497-19-8)	300.00, Lepomis macrochirus	227.00, Ceriodaphnia sp.	100.00 (72 hr), Algae
Sodium chloride - (7647-14-5)	5,840.00, Lepomis macrochirus	4,136.00, Daphnia magna	4,800.00 (72 hr), Ankistrodesmus falcatus
sodium dodecyl sulphate - (151-21-3)	29.00, Pimephales promelas	11.10, Pseudokirchneriella subcapitata	121.00 (72 hr), Desmodesmus subspicatus
Alcohols, C9-11, ethoxylated - (68439-46-3)	5.00, Oncorhynchus mykiss	2.50, Daphnia magna	1.40 (72 hr), Pseudokirchneriella subcapitata
2-Hydroxyethyl cellulose - (9004-62-0)	Not Available	Not Available	Not Available

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#### 12.2. Persistence and degradability

There is no data available on the preparation itself.

#### 12.3. Bioaccumulative potential

No available information

#### 12.4. Mobility in soil

No available information

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

This product contains no PBT/vPvB chemicals.

#### 12.6. Other adverse effects

No available information

### Section 13. Disposal considerations

#### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

### Section 14. Transport information

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable
<b>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No;		
<b>14.6. Special precautions for user</b>	No available information		

### Section 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act (TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**US EPA Tier II Hazards**

**Fire:** No

**Sudden Release of Pressure:** No



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**Reactive:** No

**Immediate (Acute):** Yes

**Delayed (Chronic):** No

#### **EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### **EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### **Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### **Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### **Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### **Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### **Proposition 65 Label Warning:**

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

<b>Section 16. Other information</b>
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**SDS Revision Date** 12/15/2021

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

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.

H335 May cause respiratory irritation.

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