

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 06.12.2017

Page 1 of 10

**hōm Dishwasher Tabs**

## SECTION 1: Identification

### Product identifier

**Product name:** hōm Dishwasher Tabs

**Product code:** Dishwasher Tabs



### Recommended use of the product and restriction on use

**Relevant identified uses:** Automatic dish washing tabs

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

### Manufacturer or supplier details

**Supplier:**

Scotch Corporation

1255 Viceroy

Dallas, TX 75247 USA

1-800-334-2077

mail@scotchcorp.com

### Emergency telephone number:

**CHEMTREC**

+1 703-741-5970 (International)

**CHEMTREC**

1-800-424-9300 (USA)

## SECTION 2: Hazard(s) identification

### GHS classification:

Eye irritation, category 2A.

Skin irritation, category 2.

Respiratory sensitization, category 1.

### Label elements

#### Hazard pictograms:



**Signal word:** Danger

### Hazard statements:

H319 Causes serious eye irritation

H315 Causes skin irritation

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

### Precautionary statements:

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

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P285 In case of inadequate ventilation wear respiratory protection.

P302+P352 If on skin: Wash with soap and water.

P304+P341 If inhaled: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 06.12.2017

Page 2 of 10

## höm Dishwasher Tabs

present and easy to do. Continue rinsing.

P321 Specific treatment (see supplemental first aid instructions on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P501 Dispose of contents and container as instructed in Section 13.

**Hazards not otherwise classified:**None

### SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 497-19-8	Sodium Carbonate	12.17
CAS number: 7647-14-5	Sodium Chloride	14.21
CAS number: 25322-68-3	Poly (ethylene oxide)	5.35
CAS number: 6132-04-3	Trisodium citrate dihydrate	38.2
CAS number: 15630-89-4	Sodium Percarbonate	14.4
CAS number: 1344-09-8	Silicic acid, sodium salt	2.75
CAS number: 9004-34-6	Cellulose	0.65
CAS number: 56-81-5	Glycerol	0.2
CAS number: 68439-49-6	Alcohols, C16-18, ethoxylated	2.98
CAS number: 10543-57-4	Tetraacetythylenediamine	1.33
CAS number: 29329-71-3	(1-Hydroxyethylidene)bisphosphonic acid, sodium salt	0.52
CAS number: 9014-01-1	Subtilisins	0.22
CAS number: 9005-53-2	Lignin	0.22

**Additional Information:** None

### SECTION 4: First aid measures

#### Description of first aid measures

##### General notes:

No additional information.

##### After inhalation:

Loosen clothing as necessary and position individual in a comfortable position.

## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 06.12.2017

Page 3 of 10

### höm Dishwasher Tabs

Maintain an unobstructed airway.  
Get medical advice/attention if you feel unwell.

#### After skin contact:

Take off all contaminated clothing.  
Gently blot or brush away excess product.  
Wash with plenty of lukewarm, gently flowing water.  
Get medical advice if skin irritation occurs or you feel unwell.

#### After eye contact:

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open.  
Remove contact lenses, if present and easy to do so.  
Continue rinsing for 15-20 minutes.  
Get medical advice if eye irritation persists.

#### After swallowing:

Rinse mouth thoroughly.  
Seek medical attention if irritation, discomfort, or vomiting persists.

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

##### Acute symptoms and effects:

Not determined or not available.

##### Delayed symptoms and effects:

Not determined or not available.

#### Immediate medical attention and special treatment

##### Specific treatment:

Not determined or not available.

##### Notes for the doctor:

No additional information.

### SECTION 5: Firefighting measures

#### Extinguishing media

##### Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

##### Unsuitable extinguishing media:

No information available.

#### Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors.

#### Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

#### Special precautions:

Carbon monoxide and carbon dioxide may form upon combustion.  
Heating causes a rise in pressure, risk of bursting and combustion.

### SECTION 6: Accidental release measures

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

Ensure air handling systems are operational.  
Wear protective eye wear, gloves and clothing.  
Ensure adequate ventilation.

#### Environmental precautions:

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 06.12.2017

Page 4 of 10

## höm Dishwasher Tabs

Should not be released into the environment.  
Prevent from reaching drains, sewer or waterway.

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

Wear protective eye wear, gloves and clothing.  
Sweep or scoop up solid material while minimizing dust generation.  
Dispose of contents / container in accordance with local regulations.

### Reference to other sections:

None

## SECTION 7: Handling and storage

### Precautions for safe handling:

Use only with adequate ventilation.  
Avoid breathing dust.  
Do not eat, drink, smoke or use personal products when handling chemical substances.

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

Keep container tightly sealed.  
Keep container dry.  
Store in a cool, well-ventilated area.

## SECTION 8: Exposure controls/personal protection

### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
WEEL	Poly (ethylene oxide)	25322-68-3	WEEL TWA 10.0 mg/m <sup>3</sup>
United States (OSHA)	Glycerol	56-81-5	OSHA PEL TWA value 15 mg/m <sup>3</sup> respirable fraction
	Cellulose	9004-34-6	OSHA TWA 15.0 mg/m <sup>3</sup>
	Cellulose	9004-34-6	OSHA TWA 5.0 mg/m <sup>3</sup>
	Glycerol	56-81-5	OSHA PEL TWA value 15 mg/m <sup>3</sup> total dust
ACGIH	Cellulose	9004-34-6	ACGIH TWA 10 mg/m <sup>3</sup>
	Subtilisins	9014-01-1	TLV Ceiling 0.00006 mg/m <sup>3</sup> (as active crystalline enzyme)
	Glycerol	56-81-5	ACGIH TWA 10. mg/m <sup>3</sup>
NIOSH	Cellulose	9004-34-6	NIOSH TWA 10 mg/m <sup>3</sup>
	Subtilisins	9014-01-1	REL ST 0.00006 mg/m <sup>3</sup> [60-minute]

### Biological limit value:

No biological exposure limits noted for the ingredient(s).

### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.  
Biological monitoring may also be appropriate for some substances.

### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.  
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 06.12.2017

Page 5 of 10

## höm Dishwasher Tabs

### Personal protection equipment

#### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

#### Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

#### Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

### General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Solid
Odor	Characteristic
Odor threshold	Not determined or not available.
pH	10.5
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	>999 °C
Flash point (closed cup)	260 °C
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not applicable
Relative density	Not determined or not available.
Solubilities	Soluble in water.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Product does not self-ignite
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

### Other information

## SECTION 10: Stability and reactivity

### Reactivity:

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 06.12.2017

Page 6 of 10

## höm Dishwasher Tabs

Does not react under normal conditions of use and storage.

### Chemical stability:

Stable under normal conditions of use and storage.

### Possibility of hazardous reactions:

None under normal conditions of use and storage.

### Conditions to avoid:

None known.

### Incompatible materials:

None known.

### Hazardous decomposition products:

None known.

## SECTION 11: Toxicological information

### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

#### Substance data:

Name	Route	Result
Sodium Percarbonate	oral	LD50 Oral - Rat - 2000 mg/kg
	dermal	LD50 Dermal - rabbit - > 2,000 mg/kg
Silicic acid, sodium salt	dermal	LD50 Dermal - Rabbit - 4640 mg/kg
	oral	LD50 Oral - Rat - 1960 mg/kg
Cellulose	oral	LD50 Rat >5,000 mg/kg
	dermal	LD50 Rabbit >2,000 mg/kg

### Skin corrosion/irritation

**Assessment:** Causes skin irritation

**Product data:** No data available.

#### Substance data:

Name	Result
Silicic acid, sodium salt	Causes skin irritation
Subtilisins	Causes skin irritation.

### Serious eye damage/irritation

**Assessment:** Causes serious eye irritation

**Product data:** No data available.

#### Substance data:

Name	Result
Sodium Percarbonate	Causes serious eye damage
Sodium Carbonate	Causes eye irritation
Alcohols, C16-18, ethoxylated	Causes serious eye damage.
Silicic acid, sodium salt	Causes serious eye damage
(1-Hydroxyethylidene)bisphosphonic acid, sodium salt	Causes serious eye damage.
Subtilisins	Causes serious eye irritation.

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 06.12.2017

Page 7 of 10

## höm Dishwasher Tabs

### Respiratory or skin sensitization

**Assessment:** May cause allergy or asthma symptoms or breathing difficulties if inhaled

**Product data:** No data available.

**Substance data:**

Name	Result
Subtilisins	May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**International Agency for Research on Cancer (IARC):** None of the ingredients are listed.

**National Toxicology Program (NTP):** None of the ingredients are listed.

### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Poly (ethylene oxide)	Specific Target Organ Toxicity, Single Exposure - May cause respiratory irritation.
Subtilisins	Specific Target Organ Toxicity, Single Exposure - May cause respiratory irritation.

### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**Information on likely routes of exposure:** No data available.

**Symptoms related to the physical, chemical and toxicological characteristics:** No data available.

**Other information:** No data available.

## SECTION 12: Ecological information

### Acute (short-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 06.12.2017

Page 8 of 10

## höm Dishwasher Tabs

Name	Result
Sodium Carbonate	LC50 - Lepomis macrochirus (Bluegill) - 300 mg/l - 96 h
	EC50 - Daphnia magna (Water flea) - 265 mg/l - 48 h

### Chronic (long-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Persistence and degradability

**Product data:** No data available.

**Substance data:** No data available.

### Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

### Other adverse effects:

No information available.

## SECTION 13: Disposal considerations

### Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities.

## SECTION 14: Transport information

### United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

### International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated



## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 06.12.2017

Page 9 of 10

### höm Dishwasher Tabs

<b>UN transport hazard class(es)</b>	None
<b>Packing group</b>	None
<b>Environmental hazards</b>	None
<b>Special precautions for user</b>	None

<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	
<b>Bulk Name</b>	None
<b>Ship type</b>	None
<b>Pollution category</b>	None

### SECTION 15: Regulatory information

#### United States regulations

##### Inventory listing (TSCA):

497-19-8	Sodium Carbonate	Listed
7647-14-5	Sodium Chloride	Listed
25322-68-3	Poly (ethylene oxide)	Listed
6132-04-3	Trisodium citrate dihydrate	Not Listed
15630-89-4	Sodium Percarbonate	Listed
1344-09-8	Silicic acid, sodium salt	Listed
9004-34-6	Cellulose	Listed
56-81-5	Glycerol	Listed
68439-49-6	Alcohols, C16-18, ethoxylated	Listed
10543-57-4	Tetraacetythylenediamine	Listed
9005-53-2	Lignin	Listed
29329-71-3	(1-Hydroxyethylidene)bisphosphonic acid, sodium salt	Listed
9014-01-1	Subtilisins	Listed

**Significant New Use Rule (TSCA Section 5):** Not listed

**Export notification under TSCA Section 12(b):** Not listed

##### SARA Section 311/312 hazards:

Acute	Chronic	Fire	Pressure	Reactive
Yes	No	No	No	No

**SARA Section 302 extremely hazardous substances:** Not listed

**SARA Section 313 toxic chemicals:** Not listed

**CERCLA:** Not listed

**RCRA:** Not listed

**Section 112(r) of the Clean Air Act (CAA):** Not listed

##### Massachusetts Right to Know:

9004-34-6	Cellulose	Listed
56-81-5	Glycerol	Listed

**New Jersey Right to Know:** Not listed

##### New York Right to Know:

15630-89-4	Sodium Percarbonate	Listed
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# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 06.12.2017

Page 10 of 10

## Höm Dishwasher Tabs

### Pennsylvania Right to Know:

9004-34-6	Cellulose	Listed
56-81-5	Glycerol	Listed

California Proposition 65: Not listed

## SECTION 16: Other information

**Abbreviations and Acronyms:** None

**Disclaimer:**

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 2-0-0

**HMIS:** 2-0-0

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**End of Safety Data Sheet**