

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 06.12.2017

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höm Machine Tabs

SECTION 1: Identification

Product identifier

Product name: höm Machine Tabs

Product code: Machine Tabs



Recommended use of the product and restriction on use

Relevant identified uses: Washing machine cleaner 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:

Skin corrosion, category 1A.

Serious eye damage, category 1.

Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements:

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

Precautionary statements:

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash skin thoroughly after handling.

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

P301+P330+P331+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

P303+P361+P353+P310 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.

P304+P340+P310 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

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lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

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

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

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: 5329-14-6	Sulfamic Acid	50.88
CAS number: 497-19-8	Sodium Carbonate	8
CAS number: 7757-82-6	Sodium Sulfate	17.88
CAS number: 25322-68-3	Poly (ethylene oxide)	4.14
CAS number: 8042-47-5	White Mineral Oil	0.27
CAS number: 112926-00-8	Silica gel, precipitated, crystalline free	0.56
CAS number: 124-04-9	Adipic Acid	13.34
CAS number: 77-92-9	Citric acid	2.17
CAS number: 95-14-7	Benzotriazole	0.31
CAS number: 68439-49-6	Alcohols, C16-18, ethoxylated	1.97

Additional Information: None

SECTION 4: First aid measures

Description of first aid measures

General notes:

No additional information.

After inhalation:

Take precautions to ensure your own safety.

Remove source of exposure or move person to fresh air and keep comfortable for breathing.

Immediately call a POISON CONTROL CENTER or seek medical attention.

If breathing has stopped, trained personnel should begin rescue breathing.

Avoid mouth-to-mouth contact by using a barrier device.

If the heart has stopped, immediately start cardiopulmonary resuscitation (CPR).

After skin contact:

Avoid direct contact and wear chemical protective clothing, if necessary.

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Immediately take off all contaminated clothing.
Gently blot or brush away excess product.
Rinse skin with lukewarm, gently flowing water until medical aid is available.
Immediately call a POISON CONTROL CENTER or seek medical attention.
Wash contaminated clothing before re-use or discard.

After eye contact:

Avoid direct contact and wear chemical protective gloves, if necessary.
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 until medical aid is available.
Immediately call a POISON CONTROL CENTER or seek medical attention.

After swallowing:

Immediately call a POISON CONTROL CENTER or seek medical attention.
Do not induce vomiting and rinse mouth.
If vomiting occurs naturally, lie on your side, in the recovery position.
If breathing has stopped, trained personnel should begin rescue breathing.
Avoid mouth-to-mouth contact by using a barrier device.
If the heart has stopped, immediately start cardiopulmonary resuscitation (CPR).

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.

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Wear protective eye wear, gloves and clothing.
Ensure adequate ventilation.

Environmental precautions:

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
ACGIH	Adipic Acid	124-04-9	ACGIH TLV TWA 5 mg/m ³
	Silica gel, precipitated, crystalline free	112926-00-8	ACGIH TLV TWA 10.0 mg/m ³
WEEL	Poly (ethylene oxide)	25322-68-3	WEEL TWA 10.0 mg/m ³
United States (OSHA)	Silica gel, precipitated, crystalline free	112926-00-8	OSHA PEL TWA 20 mg/m ³
	Silica gel, precipitated, crystalline free	112926-00-8	OSHA PEL Ceiling (80 mppcf)/%SiO ₂ mg/m ³

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.

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.

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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	2
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	265 °C
Flash point (closed cup)	196 °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:

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.

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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
Benzotriazole	oral	LD50 - Rat - 500 mg/kg

Skin corrosion/irritation

Assessment: Causes severe skin burns and eye damage

Product data: No data available.

Substance data:

Name	Result
Sulfamic Acid	Causes skin irritation

Serious eye damage/irritation

Assessment: Causes serious eye damage

Product data: No data available.

Substance data:

Name	Result
Sulfamic Acid	Causes serious eye irritation.
Adipic Acid	Result: Irritating (Rabbit)
Sodium Carbonate	Causes eye irritation
Citric acid	Causes serious eye irritation.
Alcohols, C16-18, ethoxylated	Causes serious eye damage.
Benzotriazole	Irritating effect on the eyes.

Respiratory or skin sensitization

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

Product data: No data available.

Substance data: No data available.

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):

Name	Classification
Silica gel, precipitated, crystalline free	Group 3 - Not classifiable as to its carcinogenicity to humans

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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.

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:

Name	Result
Sulfamic Acid	LC50 - Pimephales promelas (Fathead Minnow) - 14.2 mg/L - 96 h
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.

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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	1759
UN proper shipping name	Corrosive Solid, N.O.S. Alcohols, C16-18, ethoxylated; Dodecylbenzenesulphonic acid
UN transport hazard class(es)	8 
Packing group	II
Environmental hazards	None
Special precautions for user	None
Passenger air/rail	15 kg
Cargo aircraft only	50 kg
Stowage category	A

International Maritime Dangerous Goods (IMDG)

UN number	1759
UN proper shipping name	Corrosive Solid, N.O.S. Alcohols, C16-18, ethoxylated; Dodecylbenzenesulphonic acid
UN transport hazard class(es)	8 
Packing group	II
Environmental hazards	None
Special precautions for user	None
EmS number	F-A, S-B
Stowage category	Category A
Excepted quantities	E2
Limited quantity	1 kg

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

UN number	1759
UN proper shipping name	Corrosive Solid, N.O.S. Alcohols, C16-18, ethoxylated; Dodecylbenzenesulphonic acid


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UN transport hazard class(es)	8	
Packing group	II	
Environmental hazards	None	
Special precautions for user	None	
ERG code	8L	
Excepted quantities	E2	
Passenger and cargo	15 kg	
Cargo aircraft only	50 kg	
Limited quantity	5 kg	

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

SECTION 15: Regulatory information

United States regulations

Inventory listing (TSCA):

5329-14-6	Sulfamic Acid	Listed
497-19-8	Sodium Carbonate	Listed
7757-82-6	Sodium Sulfate	Listed
25322-68-3	Poly (ethylene oxide)	Listed
8042-47-5	White Mineral Oil	Listed
112926-00-8	Silica gel, precipitated, crystalline free	Not Listed
124-04-9	Adipic Acid	Listed
77-92-9	Citric acid	Listed
95-14-7	Benzotriazole	Listed
68439-49-6	Alcohols, C16-18, ethoxylated	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	Yes	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:

112926-00-8	Silica gel, precipitated, crystalline free	Listed
124-04-9	Adipic Acid	Listed

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95-14-7	Benzotriazole	Listed
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New Jersey Right to Know: Not listed

New York Right to Know:

5329-14-6	Sulfamic Acid	Listed
124-04-9	Adipic Acid	Listed

Pennsylvania Right to Know:

124-04-9	Adipic Acid	Listed
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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: 3-0-0

HMIS: 3-0-0

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End of Safety Data Sheet