

# Kitchen Equipment Cleaning & Degreasing Tablets

## Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

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Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Kitchen Equipment Cleaning & Degreasing Tablets  
Product code : SDS 3398

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Alkaline cleaner / Detergent

#### 1.3. Supplier

##### Distributor

XeroTabs Inc.  
101-2275 Upper Middle Rd. E  
P.O. Box L6H 0C3  
Oakville, - CANADA  
T 905-491-6892 - F 905-491-6801  
[www.xerotabs.com](http://www.xerotabs.com)

##### Distributor

XeroTabs Inc.  
360 Central Ave., Suite 800  
Saint Petersburg, Florida  
United States, 33701  
T 727-598-6841  
[www.xerotabs.com](http://www.xerotabs.com)

#### 1.4. Emergency telephone number

Emergency number : 905-491-6892 (8:00-17:00 EST)

### SECTION 2: Hazard(s) identification

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

##### GHS classification

Acute Tox. 4 (Oral)  
Acute Tox. 4 (Dermal)  
Skin Corr. 1A  
Eye Dam. 1

#### 2.2. GHS Label elements, including precautionary statements

##### GHS labelling

Hazard pictograms (GHS) :



Signal word (GHS) :

Danger

Hazard statements (GHS) :

Harmful if swallowed or in contact with skin  
Causes severe skin burns and eye damage.

Precautionary statements (GHS) :

Wash hands thoroughly after handling.  
Do not eat, drink or smoke when using this product  
Wear protective gloves, eye protection.  
If swallowed: rinse mouth. Do NOT induce vomiting.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a poison center or doctor.  
Wash contaminated clothing before reuse.

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Store locked up.

Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Sodium hydroxide	Caustic soda / Sodium hydroxide (Na(OH)) / SODIUM HYDROXIDE / LYE	CAS-No.: 1310-73-2	60 - 80
Disodium carbonate	Disodium carbonate Sodium carbonate / Carbonic acid, disodium salt / Soda ash / Sodium carbonate (2:1) / Sodium carbonate, anhydrous / Carbonic acid sodium salt (1:2) / SODIUM CARBONATE / Sodium carbonate anhydrous	CAS-No.: 497-19-8	10 – 30
Polyethylene glycol	Polyethylene glycol Macrogol / PEG-9 / .alpha.-Hydro-.omega.-hydroxypoly(oxyethylene) / PEG-14 / 1,2-Ethanediol, homopolymer / Ethylene oxide polymer / Macrogols / Ethoxylated 1,2-ethanediol / Polyethylene glycol 35 / Polyethylene glycol 115 / PEG / Polyethylene glycol 8000 / Polyethylene glycol 400 / PEG-10 / Polyethylene glycols / Polyethylene glycol ether / Polyethylene glycol 6000 / Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- / .alpha.-Hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) / Polyethylene oxide	CAS-No.: 25322-68-3	1 – 5
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides Coco-glucoside / COCO-GLUCOSIDE / D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides / C10-16 Alkyl a(+b) D- mono and oligoglucopyranosides / C10-16 Alkyl-poly-D-glucosides / Poly(laurylglucoside)-7 / Alkylpolyglycoside, APG C10-16	CAS-No.: 110615-47-9	0.5 - 1.5

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

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### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER/doctor.
First-aid measures after skin contact	: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER/doctor.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
First-aid measures after ingestion	: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth. Immediately call a POISON CENTER/doctor.

#### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: Not expected to be a primary route of exposure. May cause burns to the respiratory tract.
Symptoms/effects after skin contact	: Harmful in contact with skin. Causes severe skin burns. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
Symptoms/effects after ingestion	: Harmful if swallowed. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### 4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Carbon dioxide (CO <sub>2</sub> ), Dry chemical powder, Water spray.
Unsuitable extinguishing media	: Do not use water jet.

#### 5.2. Specific hazards arising from the chemical

Fire hazard	: Products of combustion may include, and are not limited to: oxides of carbon.
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#### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
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### SECTION 6: Accidental release measures

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

General measures	: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
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##### 6.1.1. For non-emergency personnel

Emergency procedures	: Do not touch or walk on the spilled product.
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##### 6.1.2. For emergency responders

No additional information available

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### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

For containment : Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).  
Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only outdoors or in a well-ventilated area.  
Hygiene measures : Take off immediately all contaminated clothing and wash it before reuse. Wash hands, forearms and face thoroughly after handling.

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

Storage conditions : Keep out of the reach of children. Store in a dry, cool and well-ventilated place.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Kitchen Equipment Cleaning & Degreasing Tablets	
No additional information available	
Sodium hydroxide (1310-73-2)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL C	2 mg/m <sup>3</sup>
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA	2 mg/m <sup>3</sup>
USA - IDLH - Occupational Exposure Limits	
IDLH	10 mg/m <sup>3</sup>
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL C	2 mg/m <sup>3</sup>
US-NIOSH chemical category	SK: DIR(COR) Apr 2011
Disodium carbonate (497-19-8)	
No additional information available	
Polyethylene glycol (25322-68-3)	
USA - AIHA - Occupational Exposure Limits	
WEEL TWA	10 mg/m <sup>3</sup> (molecular weight >200-aerosol)

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### D-Glucopyranose, oligomeric, C10-16-alkyl glycosides (110615-47-9)

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Wear suitable gloves resistant to chemical penetration. Consult glove manufacturer's product information on material suitability and material thickness.

#### Eye protection:

Wear eye/face protection

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

#### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Appearance	: Tablets
Colour	: White
Odour	: Characteristic
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability	: No data available
Vapour pressure	: No data available
Relative vapour density at 20°C / 68 °F	: No data available
Relative density	: No data available
Solubility	: Water: Soluble
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

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Explosive limits : No data available  
Explosive properties : No data available  
Oxidising properties : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat. Incompatible materials.

### 10.5. Incompatible materials

Acids.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Harmful in contact with skin.  
Acute toxicity (inhalation) : Not classified.

Kitchen Equipment Cleaning & Degreasing Tablets	
ATE CA (oral)	449.022 mg/kg bodyweight
ATE CA (Dermal)	1928.571 mg/kg bodyweight
Sodium hydroxide (1310-73-2)	
LD50 oral rat	325 mg/kg
LD50 dermal rabbit	1350 mg/kg
ATE CA (oral)	325 mg/kg bodyweight
ATE CA (Dermal)	1350 mg/kg bodyweight
Disodium carbonate (497-19-8)	
LD50 oral rat	2800 mg/kg bodyweight Animal: rat

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<b>Disodium carbonate (497-19-8)</b>	
LD50 dermal rabbit	> 2000 mg/kg
ATE CA (oral)	2800 mg/kg bodyweight
<b>Polyethylene glycol (25322-68-3)</b>	
LD50 oral rat	22 g/kg
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
LD50 dermal rabbit	> 20 g/kg
ATE CA (oral)	22000 mg/kg bodyweight
<b>D-Glucopyranose, oligomeric, C10-16-alkyl glycosides (110615-47-9)</b>	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
Skin corrosion/irritation	: Causes severe skin burns.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
<b>Polyethylene glycol (25322-68-3)</b>	
LOAEL (animal/female, F0/P)	2000 mg/kg bodyweight Animal: rabbit, Animal sex: female
NOAEL (animal/female, F0/P)	60 mg/kg bodyweight Animal: rat, Animal sex: female
STOT-single exposure	: Not classified.
<b>Sodium hydroxide (1310-73-2)</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified.
<b>Polyethylene glycol (25322-68-3)</b>	
LOAEL (oral, rat, 90 days)	16000 mg/kg bodyweight Animal: rat, Guideline: other:
NOAEL (oral, rat, 90 days)	8000 mg/kg bodyweight Animal: rat, Guideline: other:
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	1 mg/l air Animal: rat, Guideline: other:
<b>D-Glucopyranose, oligomeric, C10-16-alkyl glycosides (110615-47-9)</b>	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
Aspiration hazard	: Not classified.
Symptoms/effects after inhalation	: Not expected to be a primary route of exposure. May cause burns to the respiratory tract.
Symptoms/effects after skin contact	: Harmful in contact with skin. Causes severe skin burns. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
Symptoms/effects after ingestion	: Harmful if swallowed. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

<b>Sodium hydroxide (1310-73-2)</b>	
LC50 - Fish [1]	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	40 mg/l
<b>Disodium carbonate (497-19-8)</b>	
LC50 - Fish [1]	300 mg/l Test organisms (species): Lepomis macrochirus
EC50 - Crustacea [1]	200 – 227 mg/l Test organisms (species): Ceriodaphnia sp.
LC50 - Fish [2]	310 – 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [2]	200 – 227 mg/l Test organisms (species): Ceriodaphnia sp.
<b>Polyethylene glycol (25322-68-3)</b>	
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Poecilia reticulata
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
NOEC (chronic)	17475.27 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	13671.59 mg/l Test organisms (species): other: Duration: '28 d'
<b>D-Glucopyranose, oligomeric, C10-16-alkyl glycosides (110615-47-9)</b>	
LC50 - Fish [1]	2.95 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	7 mg/l Test organisms (species): Daphnia magna
LC50 - Fish [2]	5.9 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [2]	14 mg/l Test organisms (species): Daphnia magna

#### 12.2. Persistence and degradability

##### Kitchen Equipment Cleaning & Degreasing Tablets

Persistence and degradability : Not established.

#### 12.3. Bioaccumulative potential

##### Kitchen Equipment Cleaning & Degreasing Tablets

Bioaccumulative potential : Not established.

##### Disodium carbonate (497-19-8)

BCF - Fish [1] : (no bioaccumulation)

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Other information : No other effects known.



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### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### SECTION 14: Transport information

In accordance with DOT / TDG

#### 14.1. UN number

DOT NA No : UN1823  
UN-No. (TDG) : UN1823

#### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Sodium hydroxide, solid  
Proper Shipping Name (TDG) : SODIUM HYDROXIDE, SOLID

#### 14.3. Transport hazard class(es)

##### DOT

Transport hazard class(es) (DOT) : 8  
Hazard labels (DOT) : 8



##### TDG

Transport hazard class(es) (TDG) : 8  
Hazard labels (TDG) : 8



#### 14.4. Packing group

Packing group (DOT) : II  
Packing group (TDG) : II

#### 14.5. Environmental hazards

Other information : No supplementary information available.

#### 14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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### SECTION 15: Regulatory information

#### 15.1 Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

#### 15.2. International regulations

No additional information available

#### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

### SECTION 16: Other information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Revision date : 12/18/2023  
Other information : None.  
Prepared by : Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



Full text of H-statements	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A

SDS HazCom 2012 - WHMIS 2015 (Nexreg) 2023

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