Heavy Duty 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

ECODETERGENT

SECTION 1: Identification

1.1. Identification

Product form	:	Mixture
Product name	:	Heavy Duty Cleaning & Degreasing Tablets
Product code	:	SDS 1144

1.2. Recommended use and restrictions on use

Use of the substance/mixture	:	Cleaning tablet for degreasing surfaces

1.3. Supplier

Distributor
1000835228 Ontario LTD
o/a Xerotabs Inc.
700 Third Line, Suite 155,
P.O. Box L6L-4B1
Oakville, - CANADA
T 905-582-360
www.xerotabs.com

Distributor
1000835228 Ontario LTD
o/a Xerotabs Inc.
360 Central Ave., Suite 800
Saint Petersburg, Florida
United States, 33701
T 727-598-6841
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

Eye Irrit. 2

2.2. GHS Label elements, including precautionary statements

GHS labelling

Hazard pictograms (GHS) :



Signal word (GHS)	:	Warning
Hazard statements (GHS)	:	Causes serious eye irritation.
Precautionary statements (GHS)	:	Wash hands thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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	%
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	15 - 45
Citric Acid	2-Hydroxy-1,2,3-propanetricarboxylic acid, 3-carboxy-3-hydroxypentane-1,5-dioic acid.	CAS: 77-92-9	15 <40
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium	Sulfonates, alkyl (C14-16) olefin, sodium salt / Sodium sulfonates, C14-16-alkane hydroxy and C14-16-alkene / Sodium (C14-16) olefin sulfonate / Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene	CAS-No.: 68439-57-6	5 <13
Alcohols, C16-18, ethoxylated	Alcohols, C16-18, ethoxylated C16-18 Alcohol reacted with 16 moles ethylene oxides / Polyethylene glycol monoalkyl(C16-18) ether	CAS-No.: 68439-49-6	1 – 5

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

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Not a normal route of exposure. If symptoms develop, remove to fresh air. Get medical attention if condition worsens.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Obtain medical attention if irritation persists.

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. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

Symptoms/effects after inhalation : Not expected to be a primary route of exposure.

Symptoms/effects after skin contact : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/effects after ingestion : May be harmful if swallowed. 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_2), 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.

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).

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.

6.1.1. For non-emergency personnel

Emergency procedures : Do not touch or walk on the spilled product.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

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 : Avoid contact with skin and eyes. Do not swallow. Handle and open container with care.

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

Citric Acid
No additional information available
Disodium carbonate (497-19-8)
No additional information available
Alcohols, C16-18, ethoxylated (68439-49-6)
No additional information available
Sulfonic acids, C14-16-
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:
None necessary under normal conditions of use.
Eye protection:
None necessary under normal conditions of use.
Skin and body protection:
None necessary under normal conditions of use.
Respiratory protection:
None necessary under normal conditions of use.

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	:	Pink
Odour	:	-
Odour threshold	:	No data available
pH	:	8
pH solution concentration	:	1 %
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: Easily 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
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.

10.5. Incompatible materials

None known.

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) : Not classified.
Acute toxicity (dermal) : Not classified.
Acute toxicity (inhalation) : Not classified.

Disodium carbonate (497-19-8)	
LD50 oral rat	2800 mg/kg bodyweight Animal: rat
LD50 dermal rabbit	> 2000 mg/kg
ATE CA (oral)	2800 mg/kg bodyweight
Alcohols, C16-18, ethoxylated (68439-49-6)	
LD50 oral rat	1260 mg/kg
ATE CA (oral)	1260 mg/kg bodyweight

Skin corrosion/irritation : Not classified.
pH: 8
Serious eye damage/irritation : Causes serious eye irritation.
pH: 8
Respiratory or skin sensitisation : Not classified.
Germ cell mutagenicity : Not classified.
Carcinogenicity : Not classified.
Reproductive toxicity : Not classified.
STOT-single exposure : Not classified.
STOT-repeated exposure : Not classified.
Aspiration hazard : Not classified.
Symptoms/effects after inhalation : Not expected to be a primary route of exposure.
Symptoms/effects after skin contact : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/effects after ingestion : **May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.**

Other information : **Likely routes of exposure: ingestion, inhalation, skin and eye.**

SECTION 12: Ecological information

12.1. Toxicity

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

Disodium carbonate (497-19-8)	
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.**

12.2. Persistence and degradability

Heavy Duty Cleaning & Degreasing Tablets	
Persistence and degradability	**Not established.**

12.3. Bioaccumulative potential

Heavy Duty 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.**

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

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (DOT) : **Not applicable**

Proper Shipping Name (TDG) : Not applicable

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : Not applicable

TDG
Transport hazard class(es) (TDG) : Not applicable

14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable

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

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 : 2025/06/03
Other information : None.
Prepared by : Productos LyD SAS

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Full text of H-statements	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2

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