

Material Safety Data Sheet (MSDS)

1 Identification of the substance and of the company

. **Product Name:** Toilet Liquid Cleaner

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2 Hazards identification

. **Classification according to EU Regulation (EC) No 1272/2008 [CLP]:**

Acute toxicity, swallowed (Category 4) ; Skin irritation (Category 2); Eye irritation (Category 2)

. **Labelling according to EU Regulation (EC) No 1272/2008:** The product is labeled according to the CLP regulation.

. **Hazard pictograms:**



GHS07

. **Signal Word:** Warning

. **Hazard statement(s)**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

. **Precautionary statement(s)**

P264 Wash thoroughly after handling.

P270 When using this product do not eat, drink or smoke.

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

. **Response Precautionary Statements:**

P301+P312 IF SWALLOWED: if feel unwell, call a poison center or doctor. P330 Gargle.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P332+313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice / attention.

. **Disposal Precautionary Statements:**

P501: Dispose of contents/container in accordance with local/regional/national/international regulation.



3 Composition/information on ingredients

.Description: Mixture of substances listed below with additions.

Components Name:	CAS No.	EINECS No.	CLP Classification	Weight Percent (%)	
				Lemon	Ocean
Water	7732-18-5	231-791-2	No hazards have been classified	85.64%	85.64%
Sodium alcohol ether sulphate	9004-82-4	920-535-1	Skin Irrit. 2 H315 Eye Irrit. 2 H319	8%	8%
Sulphuric acid	7664-93-9	231-634-8	Skin Corr 1C H314	2.2%	2.5%
Coconut Diethanol Amide	68603-42-9	271-657-0	Skin Irrit. 2 H315 Eye Irrit. 2 H319	2.2%	
Octyl aldehyde	124-13-0	204-683-8	Flam. Liq. 3 H226 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Aquatic Chronic 2 H411	0.36%	
Eucalyptus oil	8000-48-4	616-775-9	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1B H317 Aquatic Chronic 2 H411	0.2%	
Nonyl aldehyde	124-19-6	204-688-5	Aquatic Chronic 3 H412	0.3%	
Linalool	78-70-6	201-134-4	Skin Sens. 1B H317	0.2%	
Styralylacetate	93-92-5	202-288-5	No hazards have been classified	0.4%	
Geraniol	106-24-1	203-377-1	Skin Irrit. 2 H315 Skin Sens. 1B H317 Eye Dam. 1 H318	0.2%	0.46%
Orange oil	68606-94-0	614-649-8	No hazards have been classified	0.3%	
Dihydromyrcenol	18479-58-8	242-362-4	Skin Irrit. 2 H315 Eye Irrit. 2 H319		0.2%
Isobornyl Acetate	125-12-2	204-727-6	No hazards have been classified		1%
Linalyl acetate	115-95-7	204-116-4	Skin Irrit. 2 H315 Skin Sens 1B H317 Eye Irrit. 2 H319		0.4%
Myrac aldehyde	37677-14-8	253-617-4	Skin Sens 1B H317 Aquatic Chronic 2 H411		0.6%
Cedarwood oil	8000-27-9	285-360-9	Asp. Tox. 1 H304 Aquatic Chronic 1 H410		0.2%
Terpinyl acetate	80-26-2	201-265-7	Aquatic Chronic 2 H411		0.2%
Methylionone	1335-46-2	215-635-0	Skin Irrit. 2 H315 Eye Irrit. 2 H319 Aquatic Chronic 2 H411		0.2%
Hydroxycitronellal	107-75-5	203-518-7	Skin Sens 1B H317 Eye Irrit. 2 H319		0.2%
Hexylcinnamicaldehyde	101-86-0	202-983-3	Skin Sens 1B H317 Aquatic Acute 1 H400 Aquatic Chronic 2 H411		0.2%
C.I.42090	3844-45-9	223-339-8	No hazards have been classified		0.2%

4 First aid measures

Generally not hazardous in normal handling, however good laboratory practices should always be used.
Avoid long term exposure to skin or by inhalation.

.Inhalation: If feel uncomfortable or breathing is difficult Remove from exposure and move to fresh air immediately.

.Eye: Flush eyes with plenty of water for a few minutes, occasionally lifting the upper and lower eyelids.

.Skin: Flush skin with plenty of water for a few minutes while removing contaminated clothing and shoes.

.Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water, do not to emetic. Never give anything by mouth to an Unconscious person. Get medical aid.

.Medical conditions aggravated by exposure: No medical conditions are known to be aggravated by these products.

.Notes to Physician: None

5 Fire-fighting measures

.General Information: As in any fire,wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Non-combustible, substance itself does not burn but may decompose upon heating to produce irritating fumes.

.Suitable extinguishing media: Water, CO2, Dry Chemicals, Foam-Fog

.Flash point: >60 °C

.Fire/Explosion Hazards: Negligible explosion hazard.

.Fire Fighting Procedure: Wear self contained breathing apparatus meeting NIOSH standards.

.Other information: Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to products of combustion exists.

6 Accidental release measures

.Person-related safety precautions: Wear protective equipment.

.Measures for cleaning/collecting

.Small leak:Mix absorb leaked material with (sand, diatomite, sawdust) then Cleaning and placed into a suitable container handling, and scrub the area with towel and water.

.Much leak: Isolation accident area to prevent the leak products to be contaminated ,And then to recycling collection the leak products..

7 Handling and storage

The regulations relating to storage remises apply to workshop where the product is handled :

.Handling: Removal of products need to wear protective gloves , handled with care when handling apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene,and do not eat, drink or smoke whilst handling. Wear protective goggles and gloves when handling material. Clean cloths 、 must be worn. Observe all warnings and precautions listed for the product.

.Storage: Store in a cool area, Keep container tightly sealed, Keep air contact to a minimum.

.Further information about storage condition: Store away from Oxidant and Strong acid.

8 Exposure controls/personal protection

- .Ventilation and Engineering controls:** Require exhaust ventilation equipment or operating in ventilation.
- .Respiratory Protection:** No special respiratory protection is required for use of these products. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHA Standard, applicable U.S. State regulations.
- .Body Protection:** Wear protective clothing and safety shoes.
- .Protective Gloves:** Choose Rubber or plastic gloves with elbow-length gauntlet.
- .Eye Protection:** Unnecessary ,When necessary wear chemical goggles or face shield.
- .PEL (OSHA) &TLV (ACGIH):** Not available.

9 Physical and chemical properties

.General Information	
.Form:	Liquid
.Color:	Many Color
.Odor:	Lemon, Ocean
.Change in condition	
.Melting point/Melting range:	<0 °C
.Boiling point/Boiling range:	>100 °C
.Flash point:	>60 °C
.Self-igniting:	Not available
.Density	
.Relative density:	>1 (Water=1)
.Vapor density:	Not available
.Evaporation rate	Not available
.Solubility in/Miscibility with	
.Water:	Soluble
.PH-Value:	Not available
.Viscosity:	
.Dynamic (Cement paste) :	Not available

10 Stability and reactivity

- .Chemical Stability:** Stable under normal temperatures and pressures.
- .Decomposition Products:** Carbon monoxide, Nitrogen oxides, Metal oxide etc.
- .Materials with which substance is incompatible:** Strong alkaline and acid substances, strong oxidizers.
- .Hazardous Polymerizations:** Will not occur.

11 Toxicological information

- .Toxicity to Animals:**
- LD50: Not available.
- LC50: Not available.

- .Potential Acute Health Effects on Humans:** Harmful if swallowed , And may irritating to skin eyes and respiratory system.
- .Special Remarks on Toxicity to Animals:** Not available.
- .Special Remarks on Chronic Effects on Humans:** Not available.

12 Ecological information

- .Ecotoxicity:** Harmful to aquatic organisms with long lasting effects.
- .Products of Biodegradation:** None hazardous short term degradation products are not likely.
- .Water Danger/Protection:** Water hazard class 1 (German Regulation) (Self-assessment): Slightly hazardous for water.

13 Disposal considerations

- Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
- .Waste Disposal Methods:** Disposal must be done as territory and /or local government regulations..Waste management information will help to receive the best results.
- .Disposal of packaging:** Dispose of according to local regulations.

14 Transport information

- .DOT Classification:** Not a DOT controlled material (United States).
- .UN Number:** Not available.
- .Packing Group:** Not available.
- .Special Provisions for Transport:** Not applicable.
- .Marine Pollutant:** Not.
- .TDG Classification:** Not controlled under TDG (Canada).
- .ADR/RID Classification:** Not controlled under ADR(Europe)
- .IMO/IMDG Classification:** Not Controlled under IMDG.
- .ICAO/IATA Classification:** Not controlled under IATA.

15 Regulatory information

- .US FEDERAL**
- .TSCA:** Not listed on the TSCA inventory.
- .Health & Safety Reporting List:** None of the chemicals are on the Health & Safety Reporting List.
- .CERCLA Hazardous Substances and corresponding RQs:** None of the chemicals in this material have an RQ.
- .Chemical Test Rules:** None of the chemicals in this product are under a Chemical Test Rule.
- .Section 12b:** None of the chemicals are listed under TSCA Section 12b.
- .TSCA Significant New Use Rule:** None of the chemicals in this material have a SNUR under TSCA.

- **SARA Section 302 Extremely Hazardous Substances:** None of the chemicals in this product have a TPQ.
- **Section 313:** No chemicals are reportable under Section 313.
- **OSHA:** None of the chemicals in this product are considered highly hazardous by OSHA.
- **California Prop 65**
- **California No Significant Risk Level:** None of the chemicals in this product are listed.
- **European/International Regulations**
- **REACH Regulation List of Substances of very high concern (SVHC):** None of the ingredients is listed.

16 Other information

The contents and format of this MSDS are in accordance with ISO Commission Directive ISO11014:2009.
And EU Regulation EC No 1272/2008 (CLP).

DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

• Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

*****The End*****