

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
 Product name : Lemon Sudsy Ammonia Cleaner

1.2. Recommended use and restrictions on use

Recommended use : Cleaner

1.3. Supplier

Manufacturer

RW Consumer Products Ltd
 10 Chevigny Street
 St. Albert, Alberta T8N 5A3
 Canada
 T 1-866-453-3602

1.4. Emergency telephone number

Emergency number : CANUTEC (613) 996-6666

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

| | | |
|---------------|------|---|
| Met. Corr. 1 | H290 | May be corrosive to metals. |
| Skin Corr. 1B | H314 | Causes severe skin burns and eye damage. |
| Eye Dam. 1 | H318 | Causes serious eye damage. |
| STOT SE 3 | H335 | May cause respiratory irritation. |
| HHNOC 1 | | Causes severe damage to the respiratory tract |

2.2. GHS Label elements, including precautionary statements

GHS-CA labelling

Hazard pictograms (GHS-CA) : 

Signal word (GHS CA) : Danger

Hazard statements (GHS-CA) : H290 - May be corrosive to metals.
 H314 - Causes severe skin burns and eye damage.
 H335 - May cause respiratory irritation.
 Causes severe damage to the respiratory tract

Precautionary statements (GHS-CA) : P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
 P264 - Wash hands, forearms and face thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective clothing, eye protection, face protection.
 P310 - Immediately call a POISON CENTER or doctor.
 P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
 P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

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P363 - Wash contaminated clothing before reuse.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P390 - Absorb spillage to prevent material damage.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P406 - Store in corrosive resistant container with a resistant inner liner.
P501 - 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

No additional information available

2.4. Unknown acute toxicity (GHS CA)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Chemical name / Synonyms | Product identifier | % |
|---|---|--------------------|---------|
| Ammonium hydroxide | Ammonia, aqueous solution / Ammonium hydroxide ((NH ₄)(OH)) / Ammonia aqueous / Ammonia solution / AMMONIUM HYDROXIDE / Ammonia, aqueous / Ammonia solutions / Ammonia ...% / Ammonia water / Ammonia | CAS-No.: 1336-21-6 | 5 – 10 |
| Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy- | Polyethylene glycol octylphenyl ether / Polyoxyethylene (1,1,3,3-tetramethylbutyl)phenyl ether / Poly(oxy-1,2-ethanediyl), .alpha.-((1,1,3,3-tetramethylbutyl)phenyl)-.omega.-hydroxy- / tert-Octylphenol, ethoxylated / .alpha.-[4-(1,1,3,3-Tetramethylbutyl)phenyl]-.omega.-hydroxypoly(oxyethylene) / Noigen EA-160 / Octoxynol-30 / Mono-(1,1,3,3-tetramethylbutylphenyl) ether polyethylene glycols / Glycols, polyethylene, mono[(1,1,3,3-tetramethylbutyl)phenyl] ether / .alpha.-[p-(1,1,3,3-Tetramethylbutyl)phenyl]-.omega.-hydroxypoly(oxyethylene) / Ethoxylated octyl phenol / tert-Octylphenol ethoxylate / OCTOXYNOL-30 / Polyethylene glycol mono(tert-octylphenyl) ether - | CAS-No.: 9036-19-5 | 0.1 – 1 |

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Comments : *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 : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor.

First-aid measures after skin contact : If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or 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: rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor.

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

Symptoms/effects after inhalation : Causes burns to the respiratory system. Causes severe damage to the respiratory tract.

Symptoms/effects after skin contact : Causes severe skin burns. Symptoms may include redness, pain, blisters.

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 : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : 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 extinguishing media

Suitable extinguishing media : carbon dioxide (CO₂), dry chemical powder, water spray.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use a heavy water stream.

5.3. Specific hazards arising from the hazardous product

Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Oxides of nitrogen. Gaseous ammonia. Irritating vapours.

Reactivity : No dangerous reactions known under normal conditions of use. May be corrosive to metals.

Explosion hazard : Ammonia can form explosive mixtures in air.

5.4. 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.

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6.2. Methods and materials for containment and cleaning up

- For containment : Stop leak if safe to do so. 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.

6.3. 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 breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not swallow. Do not eat, drink or smoke when using this product. Wear appropriate PPE (see Section 8). Handle and open container with care. 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. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Store in a well-ventilated place. Keep away from incompatible materials. . Unstable at high temperatures, and extended exposure to light.
- Incompatible materials : Strong oxidizers. Sources of ignition. Bleach. Most metals including gold, silver, copper, mercury.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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

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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 | : Liquid |
| Appearance | : No data available |
| Colour | : No data available |
| Odour | : lemon-like |
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Relative evaporation rate (ether=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not flammable |
| Vapour pressure | : No data available |
| Relative vapour density at 20°C | : No data available |
| Relative density | : No data available |
| Solubility | : No data available |
| Partition coefficient n-octanol/water | : No data available |
| Viscosity, kinematic | : No data available |
| Explosive limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

| | |
|------------------------------------|--|
| Reactivity | : No dangerous reactions known under normal conditions of use. May be corrosive to metals. |
| Chemical stability | : Stable under normal conditions. |
| Possibility of hazardous reactions | : No dangerous reactions known under normal conditions of use. |
| Conditions to avoid | : Heat. Incompatible materials. |
| Incompatible materials | : Strong oxidizers. Sources of ignition. Bleach. Most metals including gold, silver, copper, mercury |
| Hazardous decomposition products | : May include, and are not limited to: oxides of carbon. irritating vapours. Oxides of nitrogen. Gaseous ammonia. |
| Hardening time: | : No additional information available |

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------|-------------------|
| Acute toxicity (oral) | : Not classified. |
|-----------------------|-------------------|

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

| Ammonium hydroxide (1336-21-6) | |
|--------------------------------|----------------------|
| LD50 oral rat | 350 mg/kg |
| ATE CA (oral) | 350 mg/kg bodyweight |

| Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy- (9036-19-5) | |
|---|-----------------------|
| LD50 oral rat | 1700 mg/kg |
| ATE CA (oral) | 1700 mg/kg bodyweight |

Skin corrosion/irritation : Causes severe skin burns.
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitization : Not classified.
Germ cell mutagenicity : Not classified.
Carcinogenicity : Not classified.
Reproductive toxicity : Not classified.
STOT-single exposure : May cause respiratory irritation.

| Ammonium hydroxide (1336-21-6) | |
|--------------------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |

STOT-repeated exposure : Not classified.
Aspiration hazard : Not classified.

| Ammonium hydroxide (1336-21-6) | |
|---|-------|
| Animal studies and expert judgment for classification | False |

| Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy- (9036-19-5) | |
|---|-------|
| Animal studies and expert judgment for classification | False |

Symptoms/effects after inhalation : Causes burns to the respiratory system. Causes severe damage to the respiratory tract.
Symptoms/effects after skin contact : Causes severe skin burns. Symptoms may include redness, pain, blisters.
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 : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.
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.
Hazardous to the aquatic environment, short-term (acute) : Not classified.
Hazardous to the aquatic environment, long-term (chronic) : Not classified.

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| Ammonium hydroxide (1336-21-6) | |
|--------------------------------|---|
| LC50 - Fish [1] | 8.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas) |
| EC50 - Crustacea [1] | 0.66 mg/l (Exposure time: 48 h - Species: water flea) |
| EC50 - Crustacea [2] | 0.66 mg/l (Exposure time: 48 h - Species: Daphnia pulex) |

12.2. Persistence and degradability

| Lemon Sudsy Ammonia Cleaner | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| Lemon Sudsy Ammonia Cleaner | |
|-----------------------------|------------------|
| Bioaccumulative potential | Not established. |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified.
Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. 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 TDG

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (TDG) : Not applicable

14.3. Transport hazard class(es)

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

14.4. Packing group

Packing group (TDG) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

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14.6. Special precautions for user

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

TDG

No data available

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. National regulations

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

SECTION 16: Other information

Issue date : 06-30-2023
Revision date : 06-30-2023
Other information : None.
Prepared by : Nexreg Compliance Inc.
www.Nexreg.com



Safety Data Sheet (SDS), Canada - Nexreg 2022

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