

1. Identification

Product identifier: PRO wash 104
Other means of identification: INO-PROWSH104-4, INO-PROWSH104-20, INO-PROWSH104-55, INO-PROWSH104-205
Recommended use: Degreaser solvent laundry
Restriction on use: For industrial use only
Supplier Name: Sanixel
950 Rue Cormier
Drummondville, Québec
Canada, J2C 2N6
Telephone: 819 477-9686
Emergency tel. number: 819 477-9686
Available hours: 8h00 - 17h00 Monday to Friday

2. Hazard identification

Signal word: DANGER



Product classification:

Acute toxicity-dermal - Category 3. Acute toxicity-inhalation - Category 3.

Serious eye damage - Category 1.

Carcinogenicity - Category 2. Specific target organ toxicity – repeated exposure - Category 1.

Skin irritation - Category 2. Acute toxicity-oral - Category 4. Specific target organ toxicity – single exposure Category 3 Respiratory tract irritation.

Flammable liquids - Category 4.

Hazard statement(s):

- H311 - Toxic in contact with skin.
- H331 - Toxic if inhaled.
- H318 - Causes serious eye damage.
- H351 - Suspected of causing cancer.
- H372 - Causes damage to organs (liver, spleen, kidneys, blood) through prolonged or repeated exposure.
- H302 - Harmful if swallowed.
- H315 - Causes skin irritation.
- H335 - May cause respiratory irritation.
- H227 - Combustible liquid.

Precautionary statement(s)

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe mist, vapors and spray. Wash hands thoroughly after handling and any other part of the body that may have been exposed to the product. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye and face protection.

Response: IF SWALLOWED: Call a doctor. Rinse mouth. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a doctor. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash

it before reuse. If skin irritation occurs: Get medical advice. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF exposed or concerned: Get medical advice. In case of fire: Use an appropriate extinguisher.

Storage: Keep container tightly closed. Store in a well ventilated place. Store locked up.

Disposal: Dispose of contents/container in accordance with local, regional, national and/or international regulations in force.

Other hazards: Poison by intravenous and intraperitoneal routes. Moderately toxic by subcutaneous route.

See toxicological information, section 11

3. Composition / Information on ingredients

| No | CAS No : | Common name and synonyms | Concentration % (w/w) |
|----|------------|--|-----------------------|
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | 30.00 - 60.00 * |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | 5.00 - 10.00 * |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | 1.00 - 5.00 * |
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | 3.42 |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | 2.07 |

* The actual concentration range is withheld as a trade secret.

4. First-aid measures

If swallowed, irritation, any type of overexposure or symptoms of overexposure occur during use of the product or persists after use, immediately contact a POISON CENTER, an EMERGENCY ROOM or a PHYSICIAN; ensure that the product safety data sheet is available.

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention as soon as possible.

Skin contact: Remove contaminated clothing immediately. Wash the skin with soap and water. Thoroughly wet contaminated clothing. If irritation persists, consult a doctor.

Inhalation: Move exposed person to fresh air. Keep this person warm and lying down. Loosen tight clothing such as a collar, tie, belt or waistband. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.

Ingestion: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do not induce vomiting unless instructed by medical personnel.

Symptoms: Eyes burn sensation which is manifested by tearing, and/or conjunctivitis. This product is irritating to skin, respiratory and digestive tracts. The severity of symptoms can vary depending on the exposure conditions (contact time, product concentration, etc.). The main symptoms of intoxication include headache, nausea, vomiting, weakness, loss of appetite, fatigue, sweating, fever, tachycardia and dyspnea. In the most severe cases, convulsions, hyperthermic coma, liver damage are reported and sometimes death. In the most severe cases, hypotension, coma and/or death are reported.

Effects (acute or delayed): Possibility of permanent damage to the cornea. Possible erythema of the skin. May cause coughing and dry throat. If ingested in large quantities, can cause hemolytic anemia, hemoglobinuria, hematuria. Repeated exposure of this product may lead to the development of cancerous tumors and there is potential for damage to the liver, spleen, and kidneys.

Immediate medical attention and special treatment: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-fighting measures

Suitable extinguishing media: Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing media: Jets of water can facilitate the spread of fire.

Specific hazards arising from the hazardous product: Combustible. If heated, vapors may form explosive mixtures with air. The vapors are heavier than air and may travel to an ignition source.

Hazardous combustion products: Carbon monoxide and dioxide.

Special protective equipment and precautions for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions: No action shall be taken involving any personal risk or if you do not have suitable training or protection. Evacuate surrounding areas. Do not touch or walk through spilled material. Shut off all heating and ignition sources. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Protective equipment and emergency procedures: Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution. Use inert absorbent or retention tubes in the event of a large spill.

Methods and materials for containment and cleaning up: Stop leak if without risk. Move containers from spill area. Contain leaks and pick up with non-combustible absorbent materials such as sand, earth or vermiculite. Then, place in an appropriate waste disposal container according to local regulations. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid exposure - obtain special instructions before use. Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Conditions for safe storage: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Incompatibility: Strong oxidizing agents. Oxidizers. Strong acids. Finely divided metals (Ba, Be, Na, K, P, Al, Mg etc).

8. Exposure Controls/ Personal protection

Control parameters:

Occupational exposure limit values:

Alberta

| No | CAS No : | Common name and synonyms | 8-hour occupational exposure limit (TWA) | | 15-minute occupational exposure limit (STEL) | | Ceiling occupational exposure limit | |
|----|------------|--|--|-------------------|--|-------------------|-------------------------------------|-------------------|
| | | | ppm | mg/m ³ | ppm | mg/m ³ | ppm | mg/m ³ |
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | 20 | 97 | Not listed | Not listed | Not listed | Not listed |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | 200 | 492 | 400 | 984 | Not listed | Not listed |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | Not listed | 2 | Not listed | Not listed | Not listed | Not listed |

British-Columbia

| No | CAS No : | Common name and synonyms | 8-hour occupational exposure limit (TWA) | | 15-minute occupational exposure limit (STEL) | | Ceiling occupational exposure limit | |
|----|------------|--|--|-------------------|--|-------------------|-------------------------------------|-------------------|
| | | | ppm | mg/m ³ | ppm | mg/m ³ | ppm | mg/m ³ |
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | 20 | Not listed | Not listed | Not listed | Not listed | Not listed |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | 200 | Not listed | 400 | Not listed | Not listed | Not listed |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | Not listed | 2 | Not listed | Not listed | Not listed | Not listed |

Ontario

| No | CAS No : | Common name and synonyms | 8-hour occupational exposure limit (TWA) | | 15-minute occupational exposure limit (STEL) | | Ceiling occupational exposure limit | |
|----|------------|--|--|-------------------|--|-------------------|-------------------------------------|-------------------|
| | | | ppm | mg/m ³ | ppm | mg/m ³ | ppm | mg/m ³ |
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |

Quebec

| No | CAS No : | Common name and synonyms | 8-hour occupational exposure limit (TWA) | 15-minute occupational exposure limit (STEL) | Ceiling occupational exposure limit |
|----|----------|--------------------------|--|--|-------------------------------------|
| | | | | | |

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| | | | ppm | mg/m ³ | ppm | mg/m ³ | ppm | mg/m ³ |
|---|------------|--|------------|-------------------|------------|-------------------|------------|-------------------|
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | 20 | 97 | Not listed | Not listed | Not listed | Not listed |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | 400 | 983 | 500 | 1230 | Not listed | Not listed |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | 3 | 13 | Not listed | Not listed | Not listed | Not listed |

Saskatchewan

| No | CAS No : | Common name and synonyms | 8-hour occupational exposure limit (TWA) | | 15-minute occupational exposure limit (STEL) | | Ceiling occupational exposure limit | |
|----|------------|--|--|-------------------|--|-------------------|-------------------------------------|-------------------|
| | | | ppm | mg/m ³ | ppm | mg/m ³ | ppm | mg/m ³ |
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | 20 | Not listed | 30 | Not listed | Not listed | Not listed |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | 200 | Not listed | 400 | Not listed | Not listed | Not listed |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | Not listed | 2 | Not listed | 4 | Not listed | Not listed |

United States

| No | CAS No : | Common name and synonyms | IDLH NIOSH | Regulatory Limits | | | Recommended Limits | |
|----|------------|--|------------|-------------------|-------------------|----------------------------------|---|----------------------------------|
| | | | | OSHA PEL | | California / OSHA PEL | NIOSH REL | ACGIH® 2025 TLV® |
| | | | | ppm | mg/m ³ | 8-hour TWA (ST) STEL (C) Ceiling | Up to 10-hour TWA (ST) STEL (C) Ceiling | 8-hour TWA (ST) STEL (C) Ceiling |
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | 3384.0 | 50 | 240 | 20 ppm | 5 ppm | 20 ppm |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | 4916.0 | 400 | 980 | 400 ppm (ST) 500 ppm | 400 ppm (ST) 500 ppm | 200 ppm (ST) 400 ppm |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | Not listed | Not listed | Not listed | Not listed | Not listed | Not listed |

IDLH: Immediately Dangerous to Life or Health Concentrations NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limits
California / OSHA: California Division of Occupational Safety and Health
REL: Recommended Exposure Limits
ACGIH ®: American Conference of Governmental Industrial Hygienists
TLV ®: Threshold Limit Values

Appropriate engineering controls: When a worker is exposed to a substance identified as having a demonstrated or suspected carcinogenic, mutagenic and/or reprotoxic effect on humans, exposure must be kept to a minimum, even when it remains within the expected standards regardless of the duration of exposure. Recirculation must be prohibited. Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Individual protection measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eyes: DO NOT WEAR CONTACT LENSES. Wear anti-splash safety goggles.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.

Respiratory: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. 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.

Others: Wear protective clothing with long sleeves and appropriate safety shoes at all times.

9. Physical and chemical properties

Physical state: Liquid

Colour: Yellow

Odour: Orange

Melting/Freezing point: < 0 °C (32 °F)

Initial boiling point/boiling range: > 100 °C (212 °F)

Flammability: Combustible

Lower flammable/explosive limit: Not applicable

Upper flammable/explosive limit: Not applicable

Flash point: 60.5 °C (140.9 °F) Closed cup

Auto-ignition temperature: Not available

Decomposition temperature: Not available

pH: Not applicable

Kinematic viscosity: > 20,5 mm²/s (at 40 °C)

Solubility (in water): Soluble

Partition coefficient – n-octanol/water (Log Kow): < 1

Vapour pressure: 17.535 mm Hg at 20 °C

Density and relative density: 0.958 kg/L at 20 °C (water = 1)

Relative vapour density: < 1 (air = 1)

Particle characteristics: Not applicable

Reactivity: Stable under recommended conditions of storage and handling.

Chemical stability: Under normal conditions of use, this product is chemically stable. However, if stored for a long time in the presence of air and light, unstable peroxides may form which may explode on heat, shock or friction.

Possibility of hazardous reactions: No dangerous or polymerization reactions will not occur under normal conditions of use. May ignite if heated strongly and in the presence of an ignition source. Releases a flammable gas in contact with its incompatibles.

Conditions to avoid: Avoid electrical discharge. Avoid shock, friction, fire and other sources of ignition. Keep away from sources of ignition, open flames and sparks. Keep away from incompatible products (see section 7).

Incompatible materials: This product may attack certain metals, types of plastics, rubbers or coatings.

Hazardous decomposition products: Carbon monoxide and dioxide. Nitrogen oxides. Aldehydes. Carboxylic acids.

11. Toxicological information

| | | Oral | Dermal | Inhalation gases | Inhalation vapours | Inhalation dusts/mists | | |
|------------------------------|------------|--|---------------|-----------------------------|-----------------------------|---|---|--|
| ATE_{product} | | 2147.18 mg/kg | 3076.71 mg/kg | N/A | 4.37 mg/l | 0.99 mg/l | | |
| No | CAS No : | Common name and synonyms | | LD ₅₀ oral mg/kg | LD ₅₀ skin mg/kg | LC ₅₀ inhalation ppmV 4h gases | LC ₅₀ inhalation mg/l 4h vapours | LC ₅₀ inhalation mg/l 4h dusts-mist |
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | | 1300 | > 2000 | N/A | 2.25 | 0.50 |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | | > 5000 | > 2000 | N/A | > 20.00 | > 5.00 |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | | > 5000 | > 5000 | N/A | > 20.00 | > 5.00 |
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | | 5045 | 12800 | N/A | 30.10 | > 7.50 |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | | 680 | 8180 | N/A | N/A | > 5.00 |

Routes of exposure: This product is absorbed through the respiratory tract, skin and gastrointestinal tract.

Symptoms: Eyes burn sensation which is manifested by tearing, and/or conjunctivitis. This product is irritating to skin, respiratory and digestive tracts. The severity of symptoms can vary depending on the exposure conditions (contact time, product concentration, etc.). The main symptoms of intoxication include headache, nausea, vomiting, weakness, loss of appetite, fatigue, sweating, fever, tachycardia and dyspnea. In the most severe cases, convulsions, hyperthermic coma, liver damage are reported and sometimes death. In the most severe cases, hypotension, coma and/or death are reported.

Delayed and immediate effects: Possibility of permanent damage to the cornea. Possible erythema of the skin. May cause coughing and dry throat. If ingested in large quantities, can cause hemolytic anemia, hemoglobinuria, hematuria. Repeated exposure of this product may lead to the development of cancerous tumors and there is potential for damage to the liver, spleen, and kidneys.

| Aspiration hazard | | | | | | | N/A |
|--|------------|--|------------|------------|--|--|-----|
| Skin corrosion - Skin irritation | | | | | | | Yes |
| Serious eye damage - Serious eye irritation - Eye irritation | | | | | | | Yes |
| Skin sensitization | | | | | | | N/A |
| Respiratory sensitization | | | | | | | N/A |
| Specific target organ toxicity – single exposure Category 3 Respiratory tract irritation | | | | | | | Yes |
| Specific target organ toxicity – single exposure | | | | | | | N/A |
| Specific target organ toxicity – single exposure Category 3 Narcotic effects | | | | | | | N/A |
| Specific target organ toxicity – repeated exposure | | | | | | | Yes |
| No | CAS No : | Common name and synonyms | IARC | ACGIH | Mutagenicity | Effect on reproduction | |
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | 3 | A3 | No effects shown. | The data do not allow for an adequate evaluation of the effects on reproduction. Experimental teratogen. | |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | 2B | Not listed | No effects shown. | No effects shown. | |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | Not listed | Not listed | No effects shown. | No effects shown. | |
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | 3 | A4 | The data do not allow for an adequate assessment of mutagenic effects. | The data do not allow for an adequate evaluation of the effects on reproduction. The data do not allow for an adequate evaluation of the effects on development. | |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | 2B | A3 | No effects shown. | No effects shown. | |

Cancer classification under IARC (International Agency for Research on Cancer)

- Group 1: carcinogenic to humans.
- Group 2A: probably carcinogenic to humans.
- Group 2B: possibly carcinogenic to humans.
- Group 3: not classifiable as to its carcinogenicity to humans. Group
- 4: probably not carcinogenic to humans.

Cancer classification under ACGIH (American Conference of Governmental Industrial Hygienists)

Group A1: confirmed human carcinogen.
 Group A2: suspected human carcinogen.
 Group A3: confirmed animal carcinogen with unknown relevance to humans.
 Group A4: not classifiable as a human carcinogen. Group
 A5: not suspected as a human carcinogen.

Ecotoxicity

| No | CAS No : | Common name and synonyms | % | Aquatic Ecotoxicity short term | Aquatic Ecotoxicity long term | Terrestrial Ecotoxicity |
|----|------------|--|---------------|--|--|---|
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | 30.00 - 60.00 | No known adverse effect to aquatic life. | No known adverse effect to aquatic life. | No known adverse effect to the environment. |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | 5.00 - 10.00 | No known adverse effect to aquatic life. | No known adverse effect to aquatic life. | No known adverse effect to the environment. |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | 1.00 - 5.00 | No known adverse effect to aquatic life. | No known adverse effect to aquatic life. | No known adverse effect to the environment. |
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | 3.42 | No known adverse effect to aquatic life. | No known adverse effect to aquatic life. | No known adverse effect to the environment. |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | 2.07 | No known adverse effect to aquatic life. | No known adverse effect to aquatic life. | No known adverse effect to the environment. |

Persistence and degradability. Bioaccumulative potential. Other adverse effects

| No | CAS No : | Common name and synonyms | % | Persistent | Bioaccumulation | Aquatic ecotoxicity |
|----|------------|--|---------------|------------|-----------------|---------------------|
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | 30.00 - 60.00 | No | No | No |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | 5.00 - 10.00 | No | No | No |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | 1.00 - 5.00 | No | No | No |

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| | | | | | | |
|---|----------|---|------|-----|----|----|
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | 3.42 | Yes | No | No |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | 2.07 | No | No | No |

Degradability: N/A

Mobility in soil: N/A

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally.

14. Transport information

| | TDG | DOT | IMDG | IATA |
|-----------------------------------|--|--|--|--|
| UN Number | 2810 | 2810 | 2810 | 2810 |
| Proper shipping name | TOXIC LIQUID, ORGANIC, N.O.S. (2-Butoxyethanol) | TOXIC LIQUID, ORGANIC, N.O.S. (2-Butoxyethanol) | TOXIC LIQUID, ORGANIC, N.O.S. (2-Butoxyethanol) | TOXIC LIQUID, ORGANIC, N.O.S. (2-Butoxyethanol) |
| Transport hazard class(es) | 6.1 | 6.1 | 6.1 | 6.1 |
| Packing group | III | III | III | III |

Canada - ERAP

Not applicable

United States - Reportable Quantities (RQ)

| No | CAS No : | Common name and synonyms | RQ lbs (kg) |
|----|----------|-------------------------------------|-------------|
| 1 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | 100 (45.4) |

Transport in bulk (according to Annex II of the International Convention for the Prevention of Pollution From Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78), and the International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (IBC Code)): N/A

Marine pollutant: Yes

TDG: The identification of marine pollutant is not required for transport by ground.

IMDG: The mark « marine pollutant » is not required when the substance is carried in quantities <= 5L or <= 5 Kg.

Exemption for limited quantity: 5 L

In accordance with the Canadian Transport of Dangerous Goods regulations by Road, we use the 1.17 exemption when applicable. In accordance with 49 CFR article 172.315 for transportation by a mode other than air, we use the Limited quantities exemption when applicable.

Other exemptions: No other exemption.

Special precautions: Not applicable

Canada

| No | CAS No : | Common name and synonyms | % | DSL | NDSL | NPRI |
|----|----------|--------------------------|---|-----|------|------|
|----|----------|--------------------------|---|-----|------|------|

| Safety Data Sheet | | | | | | |
|-------------------|------------|--|---------------|---|--|---|
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | 30.00 - 60.00 | X | | X |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | 5.00 - 10.00 | X | | X |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | 1.00 - 5.00 | X | | |
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | 3.42 | X | | X |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | 2.07 | X | | X |

United States

| No | CAS No : | Common name and synonyms | % | TSCA | PROP-65 | RTK |
|----|------------|--|---------------|------|---------|-----|
| 1 | 111-76-2 | Ethylene glycol butyl ether. EGBE. 2-Butoxyethanol | 30.00 - 60.00 | X | | X |
| 2 | 68603-42-9 | Coconut diethanolamide. Fatty acid diethanolamide | 5.00 - 10.00 | X | | |
| 3 | 84133-50-6 | Alcohols, secondary C12-C14 ethoxylated | 1.00 - 5.00 | X | | |
| 4 | 67-63-0 | Isopropyl alcohol. Isopropanol. Propan-2-ol | 3.42 | X | | X |
| 5 | 111-42-2 | Diethanolamine. 2,2'-Iminodiethanol | 2.07 | X | X | X |

The classification of the product and the SDS were developed in accordance with HPR 2015 (rev. 2022) and HCS 2024.

16. Other information

Date: 2023-12-08

Version: 1

Notice to reader: The manufacturer hereby declares that the information disclosed herein have been based on governmental sites and/or raw material supplier's. The manufacturer has no control over the nature and content of such information. The manufacturer fully reproduces all the information it holds on the constituent of the product, at the time it is manufactured. The manufacturer does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. By this data sheet, the manufacturer hereby discloses all the potential dangers it has knowledge of and which might be related to the using or manipulation of the product in order to allow the proper care to be brought and use with regard to the product. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist and notification is hereby given to the user. Notice is hereby given that injury can derive therefrom if the foregoing is not respected. The manufacturer assumes no responsibility for personal and/or material damage, lost or injury of whichever nature caused or which may occur following the wrongful, inappropriate, negligent or abusive use or handling of the product or from not having read the herein contained information.

Safety Data Sheet

PRO wash 104

