

Body and hand soap Pure (various aromas)
SECTION 1 - IDENTIFICATION

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| Product identifier: | Body and hand soap Pure (various aromas) |
| Recommened use: | body and hand soap |
| Chemical name: | Mixture |
| Chemical group: | Mixture |
| Supplier identifier: | TOTAL FABRICATION 511 Route 289 St-Alexandre-de-Kamouraska, Qc, G0L 2G0 (418) 970-0889 |
| Manufacturer identifier: | TOTAL FABRICATION 511 Route 289 St-Alexandre-de-Kamouraska, Qc, G0L 2G0 (418) 970-0889 |
| Emergency phone: | Canutec (613) 996-6666 24hrs |

SECTION 2 - HAZARD IDENTIFICATION

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| Classification | Acute toxicity (oral) - category 5 Acute toxicity (dermal) - category 5 | |
| Signal Word | WARNING | |
| Hazard statement | H303 | May be harmful if swallowed |
| | H316 | Causes mild skin irritation |
| | H320 | Causes eye irritation |
| Precautionary statement - Prevention | P103 | Read label before use. |
| | P280 | Wear protective gloves/protective clothing/eye protection/face |
| | P264 | Wash hands thoroughly after handling. |
| Precautionary statement - Response | P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| | P302+P352+P333+ P313+P321 | IF ON SKIN: Wash with plenty of soap and water. If skin irritation or a rash occurs : Get medical advice/attention. Specific treatment : as symptoms occurs. |
| Precautionary statement - Storage | | |
| Precautionary statement - Elimination | P501 | Dispose of contents/container according to municipal, provincial and federal regulation. |

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENT

| Hazardous Product | No. CAS | % (weight) |
|---|------------|------------|
| Sodium salt of ethoxylated (C10-C16) alkyl sulfate | 68585-34-2 | 8 - 13 |
| D-Glucopyranose, oligometric, C9-11 alkyl glucoside | 5989-27-5 | 2 - 6 |
| Cocamidopropyl Betaine | 61789-40-0 | 1 - 2 |

SECTION 4 - FIRST AID MESURE
Inhalation:

IF INHALED: remover person to fresh air and keep comfortable for breathing. If not breathing, if breathing is irregular or respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention.

Skin contact:

IF ON SKIN: If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing/ jewellery and wash it before reuse. Apply moisturizing cream in case of dry skin.

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.

Ingestion:

NEVER give anything orally if victim is losing consciousness, is unconscious or having convulsions. Rinse mouth with water thoroughly. DO NOT INDUCE VOMITING. Ask victim to drink two (2) glasses of water. If vomiting occurs naturally, lean victim forward to reduce risks of aspiration. Continue to drink water. Obtain medical care.

Note to physician

No specific treatment. Treat according to symptoms. Contact a poison center immediately if large quantity has been ingested.

SECTION 5 - FIRE-FIGHTING MEASURES

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| Suitable extinguishing media: | In case of fire: Use water, foam, CO2, dry chemical to extinguish. |
| Unsuitable extinguishing media: | Stream of water directed into the product will generate large amounts of foam. |
| Hazardous combustion products: | Carbon oxides, nitrogen oxides, sulfur oxides. |
| Protective equipment: | Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus. |
| Precaution: | Retain water run-off. Move containers away from fire area if without risk. Use water spray to keep containers cool. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. |

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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| Protective equipment: | Wear plastic or rubber gloves if large quantities of bulk are handled. (See Section 8) wear respiratory equipment if ventilation is inadequate. |
| Containment and clean up: | Ventilate spill area. Stop spill if safe to do so. Contain and absorb with an inert absorbing material (sand, earth, vermiculite, diatomaceous earth) for future disposal (See Section 13). Prevent spill from entering sewers or waterways. Retain water run-off if applicable. Inform proper authorities if necessary. |
| Environnement precaution: | Avoid entering sewers, waterways or restricted areas. Eliminate according to municipal provincial and federal regulation. |

SECTION 7 - HANDLING AND STORAGE

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| Precaution for safe handling: | Containers must be identified correctly. Handle in a well ventilated area. Avoid contact with skin, eyes and clothing. Keep container tightly closed. Maintain good personal hygiene before eating, drinking or smoking. Do not eat, drink or smoke while using the product or in proximity. Wash contaminated clothing before reuse. Do not ingest. Avoid breathing vapours or mist. Wear appropriate respiratory equipment if ventilation is inadequate. Do not enter storage or enclosed areas if ventilation is inadequate. |
| Condition for safe storage: | Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep containers closed. |
| Incompatible materials: | Strong acids, oxidants. The product does not polymerise. |
| Incompatible condition: | Sources of ignition. Direct sunlight. |

SECTION 8 - EXPOSURE CONTROLS / PERSONNAL PROTECTION

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|---|-----------------|-------------|------------|-------------|
| Exposure limits: | | | | |
| Ingredients | OSHA PEL | | TWA | STEL |
| | TWA | STEL | | |
| Sodium salt of ethoxylated (C10-C16) alkyl sulfate | No data | No data | No data | No data |
| D-Glucopyranose, oligometric, C9-11 alkyl glucoside | No data | No data | No data | No data |
| Cocamidopropyl Betaine | No data | No data | No data | No data |

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| Engineering controls: | Local ventilation system is recommended to maintain concentrations of contaminants below exposure limits. |
| Protection of airways: | Not required if ventilation is adequate. Wear a NIOSH approved respiratory equipment if concentrations are superior to recommended maximal limits. |
| Protective equipment and clothing: | Wear chemical / impermeable gloves or other protective clothing to prevent repeated or continuous contact with the skin during handling and usage. Wear goggles to prevent mist, vapours or dust to contact eyes. Insure that eyewash stations, showers and cleaning stations are near to work station. |
| General hygiene recommendations : | |

Avoid contact with skin and eyes. Avoid breathing dust, vapours or mists. Never eat, drink or smoke near work stations. Good hygiene is recommended after using this product. Clean clothing before reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: | Transparent viscous liquid |
| Odour : | Various aromas |
| Odour threshold: | Not available |
| pH (sol. 10%) : | 5.00 - 7.00 |
| Melting point: | Not applicable |
| Initial boiling point: | 100°C |
| Flash point: | Not applicable |
| Evaporation rate (butyl acetate = 1): | > 1.0 |
| Flammability: | Not applicable |
| LIL: | Not applicable |
| UIL: | Not applicable |
| Vapour pressure: | Not available |
| Vapour density (air=1): | Not available |
| Relative density: | 1.032 - 1.042 kg/L |
| Solubility (water): | Soluble |
| Partition coefficient (n-octanol/water): | Not available |
| Auto-ignition temperature: | Not available |
| Decomposition temperature: | Not available |
| Volatiles : | 75 - 85 % |
| Viscosity: | 1500 - 5000 cPs (Brookfield RV #2, 10 rpm at 25°C) |

SECTION 10 - STABILITY AND REACTIVITY

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| Stability and reactivity : | Stable under recommended conditions and expected usage. |
| Polymerisation: | No. |
| Conditions to avoid : | Direct Sunlight. Extremely high or low temperature Contact with incompatible materials. |
| Incompatible materials : | Strong oxidants, acids. |
| Hazardous decomposition products : | Carbon oxides, nitrogen oxides, sulfur oxides. |

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicological data:

| Hazardous ingredient | No. CAS | % (weight) | LD ₅₀ (route, species) | LC ₅₀ (species) |
|---|------------|------------|---|----------------------------|
| Sodium salt of ethoxylated (C10-C16) alkyl sulfate | 68585-34-2 | 8 - 13 | >2000 mg/kg (oral, rat) >2000 mg/kg (dermal, rabbit) | No data |
| D-Glucopyranose, oligometric, C9-11 alkyl glucoside | 5989-27-5 | 2 - 6 | >5000 mg/kg (oral, rat) >5000 mg/kg (dermal, rabbit) | > 5 mg/L (mist) |
| Cocamidopropyl Betaine | 61789-40-0 | 1 - 2 | 2335 mg/kg (oral, rat) >2000 mg/kg (dermal, rabbit) | No data |

Short term exposure (acute) :

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| Inhalation: | Mist or vapor may be irritating to respiratory system. |
| Skin: | Slight skin irritant. Redness, itching. |
| Eyes: | Causes serious eyes irritation. Pain, redness, tearing. |
| Ingestion: | Expected to be a low ingestion hazard. |

Long term exposure (chronic) :

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| Inhalation: | No data available |
| Skin: | Drying of the skin if excessive exposure. |
| Eyes: | No data available |
| Ingestion: | No data available |
| Carcinogenicity : | No data available |
| Teratogenicity: | Not available |
| Mutagenicity: | Not available |
| Target organ: | Not available |
| Conditions aggravated by exposure : | Not available |

SECTION 12 - ECOLOGICAL INFORMATION

| Hazardous ingredient | No. CAS | % (weight) | Value | Species |
|----------------------|---------|------------|-------|---------|
|----------------------|---------|------------|-------|---------|

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|---|-------------------------------------|--------|------------------------|-------------------------------|
| Sodium salt of ethoxylated (C10-C16) alkyl sulfate | 68585-34-2 | 8 - 13 | 2.33 - 4.81 mg/L (48h) | Water flea (ceriodaphia duba) |
| D-Glucopyranose, oligometric, C9-11 alkyl glucoside | 5989-27-5 | 2 - 6 | >1 - < 10 mg/L | Daphnia Magna |
| Cocamidopropyl Betaine | 61789-40-0 | 1 - 2 | 1.9 mg/L (48h) | Crustacea |
| Persistence and degradability: | Not available | | | |
| Bioaccumulation potential: | Not available | | | |
| Mobility in soil: | Not available | | | |
| Other adverse effects: | Not available | | | |
| Other information: | Avoid release to the environnement. | | | |

SECTION 13 - DISPOSAL CONSIDERATION

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| Safe handling for disposal: | Store materials for elimination and contaminated packaging as indicated in Section 7 Handling and Storage. |
| Methods of disposal: | Dispose contents/containers according to all municipal, provincial and federal regulations. |

SECTION 14 - TRANSPORT INFORMATION

| UN Number | Proper shipping name | Class | Packing group | Placard |
|------------------------------------|--------------------------------------|---------------|---------------|---------------|
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| Not regulated for transport | | | | |
| Special Precaution : | None known | | | |
| Environnement Danger : | Do not discharge into environnement. | | | |

SECTION 15 - REGULATION INFORMATION

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| Canadian Environmental Protection Act (CEPA): | Components of this product are listed in the Domestic Substance List (DSL) or the Non-Domestic Substance List (NDSL) or are exempt. |
| Others : | Components of this product are listed on the TSCA or are exempt. |

SECTION 16 - OTHER INFORMATION

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| Prepared by: | TOTAL FABRICATION 511 Route 289 St-Alexandre-de-Kamouraska, Qc, G0L 2G0 |
| Telephone : | (418) 970-0889 |
| Date : | july 16 2021 |
| Version: | SM-PURE -- 1.5 |
| Abbreviations: | |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| AIHA | American Industrial Hygiene Association |
| CAS | Chemical Abstract Service |
| CL / LC | Concentration létale /Lethal concentration |
| DL / LD | Dose létale / Lethal dose |
| IARC | International Agency for Research on Cancer |
| LES | Liste extérieure des substances (NDSL) |
| LIS | Liste intérieure des substances (DSL) |
| NIOSH | National Institute for Occupational Safety and Health |
| NTP | National Toxicology Program (U.S.A.) |
| OSHA | Occupational Safety and Health Administration (U.S.A.) |
| PEL | Permissible Exposure Limit |
| SIMDUT | Système d'information sur les matières dangereuses utilisées au travail |
| STEL | Short-term Exposure Limit |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substances Control Act |
| TWA | Time Weighted Average |
| USEPA | United States Environmental Protection Agency |
| WHMIS | Workplace Hazardous Materials Information System |

All information indicated in the present document are based on data supplied by recognized technical sources. While the information is believed to be accurate, the manufacturer makes no representations as to its accuracy or sufficiency. Users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.