

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
 Product name : HG washing machine cleaner and refreshener
 Type of product : Detergent
 Product code : 657 ART
 Product group : Trade product

1.2. Recommended use and restrictions on use

Recommended use : Cleaning agent

1.3. Supplier

Manufacturer

HG International B.V.
 Damsluisweg 70
 Almere, 1332 EJ
 The Netherlands
 T +31 (0)36 54 94 700
safety@hg.eu - www.hg.eu

Distributor

Toolway Industries Ltd.
 1-280 Hunter's Valley Road
 Woodbridge, On L4H 3V9
 Canada

1.4. Emergency telephone number

Emergency number : +31 (0)36 54 94 777
 Only for medical personnel
 Mon-Fri 09:00 AM - 05:00 PM (CEST)

| Country | Organization/Company | Address | Emergency number | Comment |
|---------|----------------------|---------|------------------|--------------------------------|
| Canada | Chemtrec | | (813) 248 0585 | Toll Free (800) 255 3924 (24h) |

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

| | | |
|--|------|---|
| Oxidizing solids Category 3 | H272 | May intensify fire; oxidizer |
| Acute toxicity (oral) Category 4 | H302 | Harmful if swallowed |
| Skin corrosion/irritation Category 1 | H314 | Causes severe skin burns and eye damage |
| Serious eye damage/eye irritation Category 1 | H318 | Causes serious eye damage |
| Hazardous to the aquatic environment - Acute Hazard Category 2 | H401 | Toxic to aquatic life |

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Danger

HG washing machine cleaner and refreshener

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| | |
|-----------------------------------|---|
| Hazard statements (GHS CA) | : H272 - May intensify fire; oxidizer H302 - Harmful if swallowed H314 - Causes severe skin burns and eye damage H401 - Toxic to aquatic life |
| Precautionary statements (GHS CA) | : P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P103 - Read label before use. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P220 - Keep away from clothing and other combustible materials. P260 - Do not breathe dust, fume. P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment. P280 - Wear protective gloves, protective clothing, eye protection. P301+P312 - IF SWALLOWED: Call a POISON CENTER, a doctor if you feel unwell. 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 . 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. P310 - Immediately call a POISON CENTER, a doctor. P321 - Specific treatment (see supplemental first aid instruction on this label). P330 - Rinse mouth. P363 - Wash contaminated clothing before reuse. P370+P378 - In case of fire: Use carbon dioxide (CO ₂), foam, sand, dry extinguishing powder to extinguish. P405 - Store locked up. 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)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Chemical name / Synonyms | Product identifier | % | Classification (GHS CA) |
|---------------------|--------------------------|---------------------|-------------|--|
| Sodium percarbonate | Percarbonates | CAS-No.: 15630-89-4 | ≥ 50 – < 90 | Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 2, H401 |
| Sodium carbonate | Bases | CAS-No.: 497-19-8 | ≥ 15 – < 25 | Eye Irrit. 2, H319 |

HG washing machine cleaner and refreshener

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| Name | Chemical name / Synonyms | Product identifier | % | Classification (GHS CA) |
|------------------|--------------------------|--------------------|-----------|--|
| Sodium hydroxide | Bases | CAS-No.: 1310-73-2 | ≥ 2 – < 5 | Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Acute 3, H402 |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice. |
| First-aid measures after skin contact | : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion | : Rinse mouth. Do not induce vomiting. Call a physician immediately. |
| First-aid measures general | : Never give anything by mouth to an unconscious person. If medical advice is needed, have product container or label at hand. Call a physician immediately. |

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

| | |
|-------------------------------------|---------------------------|
| Symptoms/effects after skin contact | : Burns. |
| Symptoms/effects after eye contact | : Serious damage to eyes. |
| Symptoms/effects after ingestion | : Burns. |

4.3. Immediate medical attention and special treatment, if necessary

| | |
|-----------------------------------|--------------------------|
| Other medical advice or treatment | : Treat symptomatically. |
|-----------------------------------|--------------------------|

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

| | |
|------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Sand. |
|------------------------------|--|

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 | : May intensify fire; oxidizer. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

5.4. Special protective equipment and precautions for fire-fighters

| | |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

HG washing machine cleaner and refreshener

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.2. Methods and materials for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Mechanically recover the product. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

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 : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing fume, dust.
Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.
Incompatible materials : Combustible materials.
Heat-ignition : Keep away from heat and direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Sodium hydroxide (1310-73-2) | |
|---|---|
| Canada (Alberta) - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| OEL C | 2 mg/m ³ |
| Notations and remarks | Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required. |
| Regulatory reference | Alberta Regulation 87/2009 (Alberta Regulation 150/2020) |
| Canada (Quebec) - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| Plafond (OEL C) | 2 mg/m ³ |
| Notations and remarks | RP |
| Regulatory reference | S-2.1, r. 13 - Regulation respecting occupational health and safety |
| Canada (British Columbia) - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |

HG washing machine cleaner and refreshener

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| Sodium hydroxide (1310-73-2) | |
|--|--|
| OEL C | 2 mg/m ³ |
| Regulatory reference | OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC) |
| Canada (Manitoba) - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| OEL C | 2 mg/m ³ |
| Notations and remarks | TLV® Basis: URT, eye, & skin irr |
| Regulatory reference | ACGIH |
| Canada (Newfoundland and Labrador) - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| OEL C | 2 mg/m ³ |
| Notations and remarks | TLV® Basis: URT, eye, & skin irr |
| Regulatory reference | ACGIH |
| Canada (Nova Scotia) - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| OEL C | 2 mg/m ³ |
| Notations and remarks | TLV® Basis: URT, eye, & skin irr |
| Regulatory reference | ACGIH |
| Canada (Nunavut) - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| OEL C | 2 mg/m ³ |
| Regulatory reference | Occupational Health and Safety Regulations, Nu Reg 003-2016 |
| Canada (Northwest Territories) - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| OEL C | 2 mg/m ³ |
| Regulatory reference | Occupation Health and Safety Regulations R-039-2015 (R-013-2020) |
| Canada (Ontario) - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| OEL C | 2 mg/m ³ |
| Regulatory reference | Ontario Occupational Exposure Limits under Regulation 833 |
| Canada (Prince Edward Island) - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| OEL C | 2 mg/m ³ |
| Notations and remarks | TLV® Basis: URT, eye, & skin irr |
| Regulatory reference | ACGIH |
| Canada (Saskatchewan) - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| OEL C | 2 mg/m ³ |

HG washing machine cleaner and refreshener

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Sodium hydroxide (1310-73-2)

Regulatory reference The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Safety glasses. Gloves. Protective clothing. Protective shoes.

Hand protection:

Protective gloves

| Type | Material | Permeation | Thickness (mm) | Penetration |
|-------------------|----------------------|-------------------|----------------|-------------|
| Disposable gloves | Nitrile rubber (NBR) | 6 (> 480 minutes) | 0.35 | |
| Disposable gloves | butyl rubber | 6 (> 480 minutes) | 0.5 | |

Eye protection:

Safety glasses with side shields. EN 166

| Type | Field of application | Characteristics |
|----------------|-----------------------|-----------------|
| Safety glasses | Normal use conditions | |

Skin and body protection:

Long sleeved protective clothing. Chemical resistant safety shoes

Respiratory protection:

No respiratory protection needed under normal use conditions. In case of insufficient ventilation, wear suitable respiratory equipment

| Device | Filter type | Condition |
|-----------|-------------|-----------------|
| Dust mask | FFFP2 | Dust protection |

Personal protective equipment symbol(s):



Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : No data available

HG washing machine cleaner and refreshener

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| | |
|---|----------------------------|
| Color | : white to slightly yellow |
| Odor | : perfumed |
| Odor threshold | : No data available |
| pH | : 11.6 |
| pH solution | : 10 % |
| Relative evaporation rate (butyl acetate=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) | : Non flammable. |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Relative density | : 1.13 |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic | : No data available |
| Explosion limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

| | |
|------------------------------------|--|
| Reactivity | : May cause or intensify fire; oxidizer. |
| Chemical stability | : Stable under normal conditions. |
| Possibility of hazardous reactions | : No dangerous reactions known under normal conditions of use. |
| Conditions to avoid | : Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. |
| Incompatible materials | : Combustible materials. Reducing agents. |
| Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| Hardening time: | : No additional information available |

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|-------------------------|
| Acute toxicity (oral) | : Harmful if swallowed. |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| | |
|---|----------------------------|
| ATE CA (oral) | 1180.589 mg/kg body weight |
| Sodium percarbonate (15630-89-4) | |
| LD50 oral | 1034 mg/kg body weight |
| LD50 dermal | > 2000 mg/kg body weight |
| ATE CA (oral) | 1034 mg/kg body weight |
| Sodium carbonate (497-19-8) | |
| LD50 oral rat | 2800 mg/kg body weight |
| LD50 oral | 4090 mg/kg body weight |

HG washing machine cleaner and refreshener

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| Sodium carbonate (497-19-8) | |
|------------------------------------|--------------------------|
| LD50 dermal rabbit | > 2000 mg/kg body weight |
| LD50 dermal | > 2000 mg/kg body weight |
| LC50 Inhalation - Rat (Dust/Mist) | 2300 mg/l |
| ATE CA (oral) | 2800 mg/kg body weight |
| ATE CA (dust,mist) | 2300 mg/l/4h |

| | |
|-------------------------------------|--|
| Skin corrosion/irritation | : Causes severe skin burns. pH: 11.6 |
| Serious eye damage/irritation | : Causes serious eye damage. pH: 11.6 |
| Respiratory or skin sensitization | : 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 skin contact | : Burns. |
| Symptoms/effects after eye contact | : Serious damage to eyes. |
| Symptoms/effects after ingestion | : Burns. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|--------------------------|
| Ecology - general | : Toxic to aquatic life. |
| Hazardous to the aquatic environment, short-term (acute) | : Toxic to aquatic life. |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

| Sodium percarbonate (15630-89-4) | |
|---|--------------------|
| EC50 - Other aquatic organisms [1] | 4.9 mg/l waterflea |

| Sodium carbonate (497-19-8) | |
|---|--------------------|
| LC50 - Fish [1] | 300 mg/l |
| EC50 - Crustacea [1] | 200 – 227 mg/l |
| EC50 - Crustacea [2] | 200 – 227 mg/l |
| EC50 - Other aquatic organisms [1] | 265 mg/l waterflea |
| EC50 96h - Algae [1] | 242 mg/l |
| Partition coefficient n-octanol/water (Log Pow) | -6.19 |

| Sodium hydroxide (1310-73-2) | |
|---|---------------------|
| LC50 - Fish [1] | > 35 mg/l |
| EC50 - Crustacea [1] | 40.4 mg/l |
| EC50 - Other aquatic organisms [1] | > 33 mg/l waterflea |
| Partition coefficient n-octanol/water (Log Pow) | -3.88 |

HG washing machine cleaner and refreshener

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

| Sodium carbonate (497-19-8) | |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -6.19 |

| Sodium hydroxide (1310-73-2) | |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -3.88 |

12.4. Mobility in soil

| Sodium carbonate (497-19-8) | |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -6.19 |

| Sodium hydroxide (1310-73-2) | |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -3.88 |

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

| TDG | DOT | IMDG | IATA |
|---|---|--|--|
| 14.1. UN number | | | |
| UN3085 | 3085 | 3085 | 3085 |
| 14.2. Proper Shipping Name | | | |
| OXIDIZING SOLID, CORROSIVE, N.O.S. (CONTAINS : Sodium percarbonate ; Sodium hydroxide) | Oxidizing solid, corrosive, n.o.s. (CONTAINS : Sodium percarbonate ; Sodium hydroxide) | OXIDIZING SOLID, CORROSIVE, N.O.S. (CONTAINS : Sodium percarbonate ; Sodium hydroxide) | Oxidizing solid, corrosive, n.o.s. (CONTAINS : Sodium percarbonate ; Sodium hydroxide) |
| Transport document description | | | |
| UN3085 OXIDIZING SOLID, CORROSIVE, N.O.S. (CONTAINS : Sodium percarbonate ; Sodium hydroxide), 5.1 (8), III | UN3085 Oxidizing solid, corrosive, n.o.s. (CONTAINS : Sodium percarbonate ; Sodium hydroxide), 5.1 (8), III | UN 3085 OXIDIZING SOLID, CORROSIVE, N.O.S. (CONTAINS : Sodium percarbonate ; Sodium hydroxide), 5.1 (8), III | UN 3085 Oxidizing solid, corrosive, n.o.s. (CONTAINS : Sodium percarbonate ; Sodium hydroxide), 5.1 (8), III |
| 14.3. Transport hazard class(es) | | | |
| 5.1 (8) | 5.1 (8) | 5.1 (8) | 5.1 (8) |

HG washing machine cleaner and refreshener

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| TDG | DOT | IMDG | IATA |
|---|---|--|---|
|  |  |  |  |
| 14.4. Packing group | | | |
| III | III | III | III |
| 14.5. Environmental hazards | | | |
| Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No Marine pollutant: No | Dangerous for the environment: No |
| No supplementary information available | | | |

14.6. Special precautions for user

TDG

UN-No. (TDG)

: UN3085

TDG Special Provisions

: 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks).
(2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:
(a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.;
(b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.;
(c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.;
(d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S. or
(e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.
(3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:
(a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or
(b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS.

Explosive Limit and Limited Quantity Index

: 5 kg

Excepted quantities (TDG)

: E1

Passenger Carrying Road Vehicle or Passenger

: 25 kg

Carrying Railway Vehicle Index

Emergency Response Guide (ERG) Number

: 140

DOT

UN-No.(DOT)

: UN3085

HG washing machine cleaner and refreshener

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| | |
|--|--|
| DOT Special Provisions (49 CFR 172.102) | : 62 - Oxygen generators (see §171.8 of this subchapter) are not authorized for transportation under this entry. IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2). IP3 - Flexible IBCs must be sift-proof and water-resistant or must be fitted with a sift-proof and water-resistant liner. T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2) TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter. |
| DOT Packaging Exceptions (49 CFR 173.xxx) | : |
| DOT Packaging Non Bulk (49 CFR 173.xxx) | : |
| DOT Packaging Bulk (49 CFR 173.xxx) | : |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) | : |
| DOT Vessel Stowage Location | : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded. |
| DOT Vessel Stowage Other | : 13 - Keep as dry as reasonably practicable,34 - Stow "away from" foodstuffs,56 - Stow "separated from" ammonium compounds,58 - Stow "separated from" cyanides,138 - Stow "Separated from" peroxides. |

IMDG

| | |
|------------------------------------|---|
| Special provision (IMDG) | : 223, 274 |
| Limited quantities (IMDG) | : 5 kg |
| Excepted quantities (IMDG) | : E1 |
| Packing instructions (IMDG) | : P002 |
| IBC packing instructions (IMDG) | : IBC08 |
| IBC special provisions (IMDG) | : B3 |
| Tank instructions (IMDG) | : T1 |
| Tank special provisions (IMDG) | : TP33 |
| EmS-No. (Fire) | : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE |
| EmS-No. (Spillage) | : S-Q - SPILLAGE SCHEDULE Quebec - OXIDIZING SUBSTANCES |
| Stowage category (IMDG) | : B |
| Properties and observations (IMDG) | : Causes burns to skin, eyes and mucous membranes.Particular care in handling should be exercised if packages have become wetted. |

IATA

| | |
|--|--------|
| PCA Excepted quantities (IATA) | : E1 |
| PCA Limited quantities (IATA) | : Y545 |
| PCA limited quantity max net quantity (IATA) | : 5kg |
| PCA packing instructions (IATA) | : 559 |
| PCA max net quantity (IATA) | : 25kg |
| CAO packing instructions (IATA) | : 563 |

HG washing machine cleaner and refreshener

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

CAO max net quantity (IATA) : 100kg
Special provision (IATA) : A3, A803
ERG code (IATA) : 5C

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

Sodium percarbonate (15630-89-4)

Listed on the Canadian DSL (Domestic Substances List)

Sodium carbonate (497-19-8)

Listed on the Canadian DSL (Domestic Substances List)

Sodium hydroxide (1310-73-2)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Sodium percarbonate (15630-89-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Sodium carbonate (497-19-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Sodium hydroxide (1310-73-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

SECTION 16: Other information

Issue date : 10-29-2021

Other information : **DISCLAIMER OF LIABILITY** The information in this SDS 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 SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H-phrases:

| | |
|------|------------------------------|
| H272 | May intensify fire; oxidizer |
| H290 | May be corrosive to metals |

HG washing machine cleaner and refreshener

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

| Full text of H-phrases: | |
|-------------------------|---|
| H302 | Harmful if swallowed |
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H401 | Toxic to aquatic life |
| H402 | Harmful to aquatic life |

| Abbreviations and acronyms: | |
|-----------------------------|--|
| CAS-No. | Chemical Abstract Service number |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |
| EC50 | Median effective concentration |
| EN | European Standard |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| N.O.S. | Not Otherwise Specified |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| ThOD | Theoretical oxygen demand (ThOD) |
| SDS | Safety Data Sheet |

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.