## SECTION 1. IDENTIFICATION

| | |
|---|---|
| **Identification of the company:** | Clariant (Argentina) S.A.<br>Camino de la Costa Brava S/N<br>Zárate, (2800)<br>Telephone No.: +54 3487-429400<br><br>**Information of the substance/preparation:**<br>Product Stewardship, +1-704-331-7710<br>e-mail: SDS.NORAM@clariant.com<br><br>**Emergency tel. number:** +1 800-424-9300 CHEMTREC |

**Trade name:** **TEXCARE ONE TERRA**
**Material number:** 332402

**Primary product use:** Cleaning agent

**Chemical family:** Water soluble polyester

## SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

**Hazards for the product as supplied**

Not a hazardous substance or mixture.

**Other hazards**

No additional hazards are known except those derived from the labelling.

**GHS label elements**

Not a hazardous substance or mixture.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

**Components**

| Chemical name | CAS No./Unique ID | Concentration (% w/w) | Trade secret |
|---|---|---|---|
| Propylene Glycol | 57-55-6* | >= 10 - <= 30 | TSC |

* Indicates that the identifier is a CAS No.
TSC- the actual concentration or concentration range is withheld as a trade secret

## SECTION 4. FIRST AID MEASURES

| | | |
|---|---|---|
| General advice | : | Get medical advice/ attention if you feel unwell.<br>Do not leave the victim unattended. |
| If inhaled | : | Move to fresh air.<br>If unconscious, place in recovery position and seek medical advice.<br>Never give anything by mouth to an unconscious person.<br>Get immediate medical advice/ attention.<br><br>Give oxygen or artificial respiration if needed. |
| In case of skin contact | : | If on skin, rinse well with water.<br>If on clothes, remove clothes.<br>If skin irritation occurs, seek medical advice/attention. |
| In case of eye contact | : | Immediately flush eye(s) with plenty of water.<br>If easy to do, remove contact lens, if worn.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist. |
| If swallowed | : | Rinse mouth with water.<br>Do NOT induce vomiting.<br>Never give anything by mouth to an unconscious person.<br>Obtain medical attention. |
| Most important symptoms and effects, both acute and delayed | : | The possible health hazards known are those derived from the labelling (see corresponding section) and/or provided in this section.<br>The possible symptoms known are those derived from the labelling (see section 2). |
| Notes to physician | : | Treat symptomatically. |

## SECTION 5. FIREFIGHTING MEASURES

| | | |
|---|---|---|
| Suitable extinguishing media | : | Water spray jet<br>Alcohol-resistant foam<br>Dry powder<br>Carbon dioxide (CO2)<br>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | : | High volume water jet |
| Hazardous combustion products | : | Carbon oxides<br>Hydrocarbons |
| Further information | : | In the event of fire and/or explosion do not breathe fumes.<br>Do not allow run-off from fire fighting to enter drains or water |

courses.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

| | | |
|---|---|---|
| Special protective equipment for firefighters | : | Wear full protective clothing and self-contained breathing apparatus. |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Avoid contact with skin, eyes and clothing.<br>Ensure adequate ventilation.<br>Evacuate personnel to safe areas.<br>Remove all sources of ignition.<br>Use personal protective equipment.<br>Refer to protective measures listed in sections 7 and 8. |
| Environmental precautions | : | The product should not be allowed to enter drains, water courses or the soil. |
| Methods and materials for containment and cleaning up | : | Prevent product from entering drains.<br>Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).<br>Clean contaminated surface thoroughly.<br>Treat recovered material as described in the section "Disposal considerations". |

## SECTION 7. HANDLING AND STORAGE

| | | |
|---|---|---|
| Advice on protection against fire and explosion | : | Keep away from heat and sources of ignition.<br>Observe the general rules of industrial fire protection |
| Advice on safe handling | : | Use only with adequate ventilation/personal protection.<br>For personal protection see section 8.<br>Avoid contact with skin, eyes and clothing.<br>Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.<br>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| Conditions for safe storage | : | Keep containers tightly closed in a dry, cool and well-ventilated place.<br>Handle and open container with care.<br>Keep away from sources of ignition - No smoking. |
| Materials to avoid | : | When used and handled as intended, none. |
| Further information on storage stability | : | Stable under recommended storage conditions. |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Components with workplace control parameters**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|---|---|---|---|
| Propylene Glycol | 57-55-6 | TWA | 10 mg/m3 | US WEEL |

**Engineering measures** : Use engineering controls such as local or general exhaust to maintain airborne concentrations below exposure limits.

**Personal protective equipment**

Respiratory protection : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection
Remarks : Chemical resistant gloves Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Butyl Rubber, PVC or Neoprene

Eye protection : Wear safety glasses with side shields or goggles.

Skin and body protection : Wear protective clothing, including long sleeves and gloves, to prevent skin contact.

Protective measures : Observe the usual precautions for handling chemicals.
Avoid breathing dust or vapour.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Use protective skin cream before handling the product.
Wash hands before breaks and at the end of workday.
Take off immediately all contaminated clothing and wash it before reuse.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Appearance | : | Liquid |
| Colour | : | yellow, to, light brown |
| Odour | : | ester-like |
| Odour Threshold | : | no data available |
| pH | : | approximately 5 (68 °F / 20 °C)<br>Concentration: 4 % |
| pour point | : | < 32 °F / < 0 °C |
| Boiling point | : | > 212 °F / > 100 °C<br>(1,013.25 hPa) |
| Flash point | : | > 212 °F / > 100 °C |
| Evaporation rate | : | no data available |
| Flammability (solid, gas) | : | Not applicable |
| Self-ignition | : | no data available |
| Upper explosion limit / upper flammability limit | : | no data available |
| Lower explosion limit / Lower flammability limit | : | no data available |
| Vapour pressure | : | approx. 23 kPa (68 °F / 20 °C) |
| Relative vapour density | : | no data available |
| Relative density | : | no data available |
| Density | : | 1 g/cm3 (68 °F / 20 °C) |
| Solubility(ies) | | |
| Water solubility | : | 500 g/l miscible |
| Partition coefficient: n-octanol/water | : | Not applicable |
| Auto-ignition temperature | : | no data available |

| | | |
|---|---|---|
| Decomposition temperature | : | No decomposition if used as directed. |
| Viscosity | | |
| Viscosity, dynamic | : | 2,000 mPa.s (77 °F / 25 °C) |
| Viscosity, kinematic | : | no data available |
| Surface tension | : | > 45 mN/m, 0.5 %, 68 °F / 20 °C |
| Metal corrosion rate | : | no data available |
| Particle size | : | Does not apply to liquids. |

## SECTION 10. STABILITY AND REACTIVITY

| | | |
|---|---|---|
| Reactivity | : | No dangerous reaction known under conditions of normal use. |
| Chemical stability | : | Stable under normal conditions. |
| Possibility of hazardous reactions | : | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | : | None known. |
| Incompatible materials | : | not known |
| Hazardous decomposition products | : | Carbon dioxide (CO2)<br>Carbon monoxide<br><br>When handled and stored appropriately, no dangerous decomposition products are known |

## SECTION 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

Skin contact
Eye contact
Ingestion
Inhalation

**Acute toxicity**

Not classified

**Components:**

**Propylene Glycol:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 (Rat, male and female): 22,000 mg/kg<br>Method: Other<br>GLP: no |

| | | |
|---|---|---|
| Acute inhalation toxicity | : | LC50 (Rabbit, no data available): > 317.042 mg/l<br>Exposure time: 2 h<br>Test atmosphere: dust/mist<br>Method: Other<br>GLP: no |
| Acute dermal toxicity | : | LD50 (Rabbit, no data available): > 2,000 mg/kg<br>Method: Other<br>GLP: no<br>Assessment: The substance or mixture has no acute dermal toxicity |

**Skin corrosion/irritation**

Not classified

**Components:**

**Propylene Glycol:**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Exposure time | : | 4 h |
| Method | : | OECD Test Guideline 404 |
| Result | : | No skin irritation |
| GLP | : | No information available. |

**Serious eye damage/eye irritation**

Not classified

**Components:**

**Propylene Glycol:**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Result | : | No eye irritation |
| Method | : | OECD Test Guideline 405 |
| GLP | : | No information available. |

**Respiratory or skin sensitisation**

**Skin sensitisation**

Not classified

**Respiratory sensitisation**

Not classified

**Components:**

**Propylene Glycol:**

| | | |
|---|---|---|
| Test Type | : | Local lymph node assay (LLNA) |
| Exposure routes | : | Dermal |
| Species | : | Mouse |
| Method | : | OECD Test Guideline 429 |
| Result | : | Not a skin sensitizer. |
| GLP | : | No information available. |

| | | |
|---|---|---|
| Test Type | : | Maximisation Test |
| Exposure routes | : | Dermal |
| Species | : | Guinea pig |
| Method | : | OECD Test Guideline 406 |
| Result | : | Not a skin sensitizer. |
| GLP | : | No information available. |

**Germ cell mutagenicity**

Not classified

**Components:**

**Propylene Glycol:**

Genotoxicity in vitro :

Test Type: Ames test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative
GLP: No information available.

Test Type: Chromosome aberration test in vitro
Test system: Human lymphocytes
Concentration: 7,4 - 3810 µg/ml
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 473
Result: negative
GLP: yes

Genotoxicity in vivo :

Test Type: Chromosome Aberration Test
Species: Rat (male)
Strain: Sprague-Dawley
Cell type: Bone marrow
Application Route: oral (gavage)
Exposure time: 6 - 24 - 48 h
Dose: 30, 2500, and 5000 mg/kg
Method: Other
Result: negative
GLP: no

Test Type: In vivo micronucleus test
Species: Mouse (male)
Cell type: Erythrocytes
Application Route: Intraperitoneal injection
Exposure time: 18 h
Dose: 0, 2500, 5000, 10000, 15000 mg
Method: Other
Result: negative
GLP: No information available.

Germ cell mutagenicity - Assessment : In vitro tests did not show mutagenic effects, In vivo tests did not show mutagenic effects

**Carcinogenicity**

Not classified

**Components:**

**Propylene Glycol:**

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Reproductive toxicity**

Not classified

**Components:**

**Propylene Glycol:**

Effects on fertility : Test Type: Two-generation study
Species: Mouse, male and female
Strain: CD1
Application Route: Drinking water
Dose: 1820 - 4800 - 10100 mg/kg
General Toxicity - Parent: NOAEL: 10,100 mg/kg body weight
General Toxicity F1: NOAEL: 10,100 mg/kg body weight
General Toxicity F2: NOAEL: 10,100 mg/kg body weight
Method: Other
GLP: No information available.

Effects on foetal development : Test Type: Pre-natal
Species: Mouse, female
Strain: CD1
Application Route: oral (gavage)
Dose: 520 - 5200 - 10400 mg/kg
Duration of Single Treatment: 9 d
General Toxicity Maternal: NOAEL: 520 mg/kg body weight
Teratogenicity: NOAEL: 1,040 mg/kg body weight
Method: OECD Test Guideline 414
GLP: yes

Reproductive toxicity - Assessment : No reproductive toxicity to be expected.
No teratogenic effects to be expected.

**STOT - single exposure**

Not classified

**Components:**

**Propylene Glycol:**

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

**STOT - repeated exposure**

Not classified

**Components:**

**Propylene Glycol:**

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

**Repeated dose toxicity**

**Components:**

**Propylene Glycol:**

| | | |
|---|---|---|
| Species | : | Rat, male and female |
| NOAEL | : | 1.700 - 2.100 mg/kg bw/day |
| Application Route | : | oral (feed) |
| Exposure time | : | 2 a |
| Number of exposures | : | daily |
| Dose | : | 200, 400, 900, 1700 mg/kg bw |
| Control Group | : | yes |
| Method | : | Other |
| GLP | : | no |

| | | |
|---|---|---|
| Species | : | Cat, male |
| NOAEL | : | 443 mg/kg bw/day |
| Application Route | : | oral (feed) |
| Exposure time | : | 69 - 94 d |
| Number of exposures | : | daily |
| Dose | : | 80 - 4239 mg/kg |
| Control Group | : | yes |
| Method | : | Other |
| GLP | : | no |

| | | |
|---|---|---|
| Species | : | Rat, male and female |
| LOEL | : | 0.16 mg/l |
| Application Route | : | Inhalation |
| Test atmosphere | : | dust/mist |
| Exposure time | : | 90 d |
| Number of exposures | : | 6 hours/day, 5 days/week |
| Dose | : | 0,16 - 1,01 - 2,18 mg/l |
| Control Group | : | yes |
| Method | : | Other |
| GLP | : | No information available. |

| | | |
|---|---|---|
| Species | : | Mouse, female |
| NOAEL | : | 0.02 |

| | | |
|---|---|---|
| Application Route | : | Dermal |
| Exposure time | : | Lifespan |
| Number of exposures | : | 2x / w |
| Dose | : | 10-50-100% / 0.02 ml acetone |
| Control Group | : | yes |
| Method | : | Other |
| GLP | : | no |
| Remarks | : | No pathological findings |

**Aspiration toxicity**

Not classified

**Components:**

**Propylene Glycol:**

No aspiration toxicity classification

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Components:**

**Propylene Glycol:**

| | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Oncorhynchus mykiss (rainbow trout)): 40,613 mg/l<br>End point: mortality<br>Exposure time: 96 h<br>Test Type: static test<br>Analytical monitoring: yes<br>Method: Other<br>GLP: no |
| Toxicity to daphnia and other aquatic invertebrates | : | LC50 (Mysidopsis bahia (opossum shrimp)): 18,800 mg/l<br>End point: mortality<br>Exposure time: 96 h<br>Test Type: static test<br>Analytical monitoring: yes<br>Method: Other<br>GLP: yes |
| Toxicity to algae/aquatic plants | : | ErC50 (Pseudokirchneriella subcapitata (green algae)): 19,000 mg/l<br>End point: Growth rate<br>Exposure time: 96 h<br>Test Type: static test<br>Analytical monitoring: yes<br>Method: OECD Test Guideline 201<br>GLP: yes<br><br>ErC50 (Skeletonema costatum (marine diatom)): 19,100 mg/l<br>End point: Growth rate |

Exposure time: 96 h
Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 201
GLP: yes

Toxicity to fish (Chronic toxicity) : Chronic Toxicity Value (Fish): 2,500 mg/l
End point: Other
Exposure time: 30 d
Method: Other
GLP: no
Remarks: The value is given based on a SAR/AAR approach using OECD Toolbox, DEREK, VEGA QSAR models (CAESAR models), etc.

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Ceriodaphnia spec.): 13,020 mg/l
End point: Reproduction rate
Exposure time: 7 d
Test Type: semi-static test
Analytical monitoring: yes
Method: Other
GLP: No information available.

Toxicity to microorganisms : NOEC (Pseudomonas putida): > 20,000 mg/l
End point: Growth rate
Exposure time: 18 h
Test Type: Growth inhibition
Analytical monitoring: no
Method: Other
GLP: no

Sediment toxicity : LC50: 6983 mg/kg dry weight (d.w.)
Analytical monitoring: yes
Solvent: no
Duration: 10 d
Test Type: static test
Sediment: Natural sediment
Basis for effect: mortality
Method: Other
GLP: yes

**Persistence and degradability**

**Product:**

Biodegradability : Result: Readily biodegradable.
Biodegradation: 97 %
Exposure time: 28 d
Method: OECD Test Guideline 301A

**Components:**

**Propylene Glycol:**

| | | |
|---|---|---|
| Biodegradability | : | aerobic<br>Inoculum: activated sludge<br>Concentration: 100 mg/l ThOD<br>Biochemical Oxygen Demand (BOD)<br>Result: Readily biodegradable.<br>Biodegradation: 100 %<br>Exposure time: 28 d<br>Method: OECD Test Guideline 301F<br>GLP: yes<br><br>aerobic<br>Inoculum: activated sludge<br>Concentration: 50.3 mg/l<br>Carbon dioxide (CO2)<br>Result: Readily biodegradable.<br>Biodegradation: 90.6 %<br>Exposure time: 64 d<br>Method: OECD Test Guideline 306<br>GLP: yes |

**Bioaccumulative potential**

**Components:**

**Propylene Glycol:**

| | | |
|---|---|---|
| Bioaccumulation | : | Bioconcentration factor (BCF): 0.09<br>Method: calculated<br>GLP: no<br>Remarks: The value is given based on a SAR/AAR approach using OECD Toolbox, DEREK, VEGA QSAR models (CAESAR models), etc. |
| Partition coefficient: n-octanol/water | : | log Pow: -1.07 (68.9 °F / 20.5 °C)<br>pH: 6.3<br>Method: Regulation (EC) No. 440/2008, Annex, A.8<br>GLP: yes |

**Mobility in soil**

**Components:**

**Propylene Glycol:**

| | | |
|---|---|---|
| Distribution among environmental compartments | : | Adsorption/Soil<br>Medium: water - soil<br>log Koc: 0.46<br>Method: other (calculated) |
| Stability in soil | : | Test Type: Laboratory<br>Soil temperature: 77 °F / 25 °C<br>Radio label: no<br>Percentage dissipation: 96 - 98 %<br>Method: Other<br>GLP: no |

**Other adverse effects**

**Components:**

**Propylene Glycol:**

Additional ecological information : Do not allow to enter ground water, waterways or waste water.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

RCRA - Resource Conservation and Recovery Authorization Act : This product, if discarded as sold, is not a Federal RCRA hazardous waste.

Waste Code : None

Waste from residues : Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent Authorities

Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

## SECTION 14. TRANSPORT INFORMATION

**DOT** not restricted

**IATA** not restricted

**IMDG** not restricted

## SECTION 15. REGULATORY INFORMATION

**CERCLA Reportable Quantity**

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

**SARA 302 Extremely Hazardous Substances Threshold Planning Quantity**

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Air Act**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):

| | | |
|---|---|---|
| Propylene Glycol | 57-55-6 | >= 10 - < 20 % |

**Clean Water Act**

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307
This product does not contain any priority pollutants related to the U.S. Clean Water Act

**The components of this product are reported in the following inventories:**

TSCA : All substances listed as active on the TSCA inventory

DSL : All components of this product are on the Canadian DSL

**TSCA list**

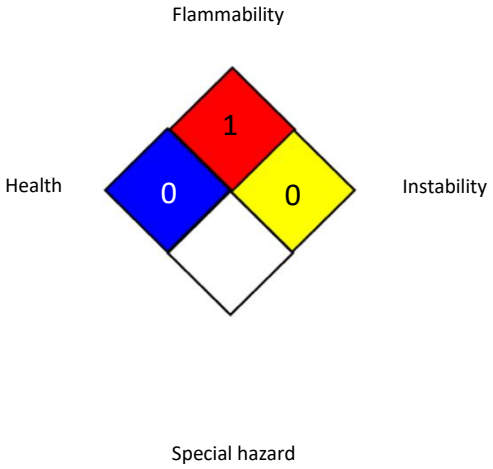
TSCA - 5(a) Significant New Use Rule List of Chemicals: No substances are subject to a Significant New Use Rule.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D): No substances are subject to TSCA 12(b) export notification requirements.

## SECTION 16. OTHER INFORMATION

**Further information**

**NFPA 704:**




**Full text of other abbreviations**

| | | |
|---|---|---|
| US WEEL | : | USA. Workplace Environmental Exposure Levels (WEEL) |
| US WEEL / TWA | : | 8-hr TWA |

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-

Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Observe national and local legal requirements
Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Revision Date : 11/19/2025

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