

| Version 1.3 | Revision Date: 01/10/2025 | Date of last issue: 01/18/2022 Date of first issue: 05/18/2021 | | Print Date: 06/17/2025 |
|----------------|--|---|---|---------------------------|
| SECTION | I 1. IDENTIFICATION | | | |
| Prod | uct name | : / | ALTEMP Q NB 50 | |
| Articl | le-No. | : (| 005011 | |
| Man | ufacturer or supplier's | s detail | s | |
| Com | pany name of supplier | | Klüber Lubrication NA LP 2010 County Road 2120 Tyler, Texas 75707 JSA Phone: +1 903 534 8021 Fax: +1 903 581 4376 nfo@us.kluber.com Klüber Lubrication NA LP 32 Industrial Drive Londonderry, NH 03053 JSA Phone: +1 603 647 4104 Fax: +1 603 647 4106 nfo@us.kluber.com | |
| | ail address of person onsible for the SDS | : 1 | mcm@us.kluber.com | |
| Eme numl | rgency telephone ber | : • | +1 517 545 7070 NCEC | |
| Reco | ommended use of the | chemi | cal and restrictions on use | |
| Reco | ommended use | : (| Grease | |
| Rest | rictions on use | : | Restricted to professional users. | |

SECTION 2. HAZARDS IDENTIFICATION

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

Not a hazardous substance or mixture.

GHS label elements

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).





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Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Substance / Mixture | : | Mixture |
|---------------------|---|--|
| Chemical nature | : | solid lubricant Mineral oil. barium complex soap |

Components

| Chemical name | CAS-No. | Concentration (% w/w) | | | |
|--|--------------|-----------------------------|--|--|--|
| Reaction mixture of hydrogenated | 1282612-27-4 | Trade secret (>= 10 - < 30) | | | |
| tallow alkyl amines with sebacic acid | | | | | |
| and barium hydroxide | | | | | |
| Actual concentration is withheld as a trade appret | | | | | |

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

| If inhaled : | Remove person to fresh air. If signs/symptoms continue, get medical attention. Keep patient warm and at rest. If unconscious, place in recovery position and seek medical advice. Keep respiratory tract clear. If breathing is irregular or stopped, administer artificial respiration. |
|---------------------------|---|
| In case of skin contact : | Take off all contaminated clothing immediately. Wash off immediately with soap and plenty of water. Get medical attention immediately if irritation develops and persists. Wash clothing before reuse. Thoroughly clean shoes before reuse. |
| In case of eye contact : | Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. If eye irritation persists, consult a specialist. |
| If swallowed : | Move the victim to fresh air. If unconscious, place in recovery position and seek medical advice. Keep respiratory tract clear. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. |





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| | important symptoms ffects, both acute and ed | : | None known. No symptoms known or expected. | |
| Notes | s to physician | : | Treat symptomatically. | |

SECTION 5. FIREFIGHTING MEASURES

| Suitable extinguishing media | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
|---|---|--|
| Unsuitable extinguishing media | : | High volume water jet |
| Hazardous combustion products | : | Carbon oxides Oxides of phosphorus Metal oxides |
| Further information | : | Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. |
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Exposure to decomposition products may be a hazard to health. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

| Personal precautions, protective equipment and emergency procedures | : | Evacuate personnel to safe areas. Ensure adequate ventilation. Do not breathe vapours, aerosols. Refer to protective measures listed in sections 7 and 8. |
|---|---|--|
| Environmental precautions | : | Do not allow contact with soil, surface or ground water. If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up | : | Pick up and transfer to properly labelled containers. |

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid contact with skin and eyes.





| ALTEMP Q NB 50 | | | | | | |
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| Condi | tions for safe storage | For personal protection see section Smoking, eating and drinking shoul application area. Wash hands and face before break handling the product. Do not get in eyes or mouth or on s Do not get on skin or clothing. Do not ingest. Do not repack. These safety instructions also apply may still contain product residues. Keep container closed when not in | ld be prohibited in the is and immediately after skin. y to empty packaging which | | | |
| | | Keep container closed when not in Keep in a dry, cool and well-ventila Containers which are opened must kept upright to prevent leakage. Store in accordance with the partice Keep in properly labelled containers | ted place. be carefully resealed and ular national regulations. | | | |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|------------|---|---|---------------------------|
| White mineral oil (petroleum) | 8042-47-5 | TWA (Mist) | 5 mg/m3 | OSHA Z-1 (2018-03-15) |
| | | TWA (Inhalable particulate matter) | 5 mg/m3 | ACGIH (2013-03-01) |
| | | TWA (Mist) | 5 mg/m3 | NIOSH REL (2019-10-04) |
| | | ST (Mist) | 10 mg/m3 | NIOSH REL (2019-10-04) |
| Distillates (petroleum), solvent- dewaxed heavy paraffinic | 64742-65-0 | TWA (Mist) | 5 mg/m3 | OSHA Z-1 (2018-03-15) |
| | | TWA (Inhalable particulate matter) | 5 mg/m3 | ACGIH (2013-03-01) |
| | | TWA (Mist) | 5 mg/m3 | NIOSH REL (2019-10-04) |
| | | ST (Mist) | 10 mg/m3 | NIOSH REL (2019-10-04) |





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| Zinc oxide | | 1314-13-2 | TWA (Respirable particulate matter) | 2 mg/m3 | ACGIH (2007-01-(| |
| | | | STEL (Respirable particulate matter) | 10 mg/m3 | ACGIH (2007-01-(| |
| | | | TWA (Dust) | 5 mg/m3 | NIOSH RE (2013-10-0 | |
| | | | TWA (Fumes) | 5 mg/m3 | NIOSH RE (2013-10-0 | |
| | | | ST (Fumes) | 10 mg/m3 | NIOSH RE (2013-10-0 | |
| | | | C (Dust) | 15 mg/m3 | NIOSH RE (2013-10-0 | |
| | | | TWA (Fumes) | 5 mg/m3 | OSHA Z-1 (2007-01-0 | |
| | | | TWA (total dust) | 15 mg/m3 | OSHA Z-1 (2007-01-0 | |
| | | | TWA (respirable fraction) | 5 mg/m3 | OSHA Z-1 (2007-01-0 | |
| | ates (petroleum), treated light naphthenic | 64742-53-6 | TWA (Mist) | 5 mg/m3 | OSHA Z-1 (2018-03-1 | |
| | | | TWA (Inhalable particulate matter) | 5 mg/m3 | ACGIH (2013-03-0 | |
| | | | TWA (Mist) | 5 mg/m3 | NIOSH RE (2019-10-0 | |
| | | | ST (Mist) | 10 mg/m3 | NIOSH RE (2019-10-0 | |

Personal protective equipment

Respiratory protection : Not required; except in case of aerosol formation.

Filter type

: Filter type P

Hand protection Material : Nitrile rubber Break through time

> 10 min :

: Class 1

Remarks

Protective index

For prolonged or repeated contact use protective gloves. The : break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case.





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| | | | | | | |
| Eye protection | | : | : Safety glasses | | | |
| Skin and body protection | | : | Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. | | | |
| Protective measures | | : | The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. | | | |
| Hygie | ne measures | : | Wash face, hands and any exposed skir handling. | n thoroughly after | | |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| Appearance | : | paste |
|---|---|--------------------|
| Colour | : | white |
| Odour | : | characteristic |
| Odour Threshold | : | No data available |
| рН | : | Not applicable |
| Melting point/range | : | No data available |
| Boiling point/boiling range | : | No data available |
| Flash point | : | Not applicable |
| Evaporation rate | : | No data available |
| Flammability (solid, gas) | : | Combustible Solids |
| Self-ignition | : | No data available |
| Upper explosion limit / Upper flammability limit | : | No data available |
| Lower explosion limit / Lower | : | No data available |





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| flar | nmability limit | | | |
| Va | pour pressure | : | < 0.001 hPa (68 °F / 20 °C) | |
| Re | lative vapour density | : | No data available | |
| Re | lative density | : | 1.440 (68 °F / 20 °C) Reference substance: Water The value is calculated | |
| Bul | lk density | : | No data available | |
| | lubility(ies) Water solubility | : | insoluble | |
| | Solubility in other solvents | 3 : | No data available | |
| | rtition coefficient: n- anol/water | : | No data available | |
| Au | to-ignition temperature | : | No data available | |
| De | composition temperature | : | No data available | |
| | cosity Viscosity, dynamic | : | No data available | |
| | Viscosity, kinematic | : | Not applicable | |
| Exp | plosive properties | : | Not explosive | |
| Ox | idizing properties | : | No data available | |
| Sul | blimation point | : | No data available | |
| Pa | rticle size | : | Not applicable | |
| | | | | |

SECTION 10. STABILITY AND REACTIVITY

| Reactivity | : | No hazards to be specially mentioned. |
|------------------------------------|---|---|
| Chemical stability | : | Stable under normal conditions. |
| Possibility of hazardous reactions | : | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | : | No conditions to be specially mentioned. |





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| Incom | patible materials | : | No materials to be especially me | entioned. |
| Haza produ | rdous decomposition cts | : | No decomposition if stored and a | applied as directed. |
| ECTION | 11. TOXICOLOGICA | _ INFO | DRMATION | |
| Acute | e toxicity | | | |
| Produ | uct: | | | |
| Acute | oral toxicity | : | Acute toxicity estimate: 3,237 mg Method: Calculation method | /kg |
| Acute | inhalation toxicity | : | Acute toxicity estimate: 9.71 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method | |
| Acute | dermal toxicity | : | Remarks: This information is not | available. |
| <u>Com</u> | oonents: | | | |
| | tion mixture of hydro oxide: | gena | ted tallow alkyl amines with seb | acic acid and barium |
| • | oral toxicity | : | LD50 (Rat): Assessment: The commoderately toxic after single inge | |
| Acute | inhalation toxicity | : | Assessment: The component/mix short term inhalation. | ture is moderately toxic afte |
| Acute | dermal toxicity | : | LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 40 GLP: ves |)2 |
| | | | Assessment: The substance or m toxicity | nixture has no acute dermal |
| Skin | corrosion/irritation | | | |
| Prod | uct: | | | |
| Rema | | : | This information is not available. | |
| | | | | |
| <u>Com</u> | oonents: | | | |
| Reac | | ogena | ted tallow alkyl amines with seb | acic acid and barium |
| Reac hydro Speci | tion mixture of hydro oxide: | ogena [.] : | t ed tallow alkyl amines with seb Rabbit No skin irritation | acic acid and barium |





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| Result GLP | t | : | No skin irritation yes | |
| Serio | us eye damage/eye | e irritatio | on | |
| Produ | <u>ict:</u> | | | |
| Rema | rks | : | This information is not available. | |
| <u>Comp</u> | oonents: | | | |
| React hydro | | lrogenat | ed tallow alkyl amines with seba | cic acid and barium |
| Specie | | : | Rabbit | |
| Result | | : | No eye irritation | |
| | sment | : | No eye irritation OECD Test Guideline 405 | |
| Metho GLP | D | : | yes | |
| Respi | ratory or skin sen | sitisatio | n | |
| <u>Produ</u> | <u>ict:</u> | | | |
| Rema | rks | : | This information is not available. | |
| Comp | oonents: | | | |
| React hydro | | Irogenat | ed tallow alkyl amines with seba | cic acid and barium |
| Test T | уре | : | Maximisation Test | |
| Specie | | : | Guinea pig | |
| | sment | : | Does not cause skin sensitisation. | |
| Metho Result | | ÷ | OECD Test Guideline 406 Does not cause skin sensitisation. | |
| GLP | l | : | yes | |
| Germ | cell mutagenicity | | | |
| Produ | <u>ict:</u> | | | |
| Genot | oxicity in vitro | : | Remarks: No data available | |
| Genot | oxicity in vivo | : | Remarks: No data available | |
| <u>Comp</u> | oonents: | | | |
| React hydro | | lrogenat | ed tallow alkyl amines with seba | cic acid and barium |
| Genot | oxicity in vitro | : | Test Type: Ames test Method: OECD Test Guideline 471 | l |
| | | | 9/17 | a brand of |





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| | | | Result: negative GLP: yes | |
| Carci | nogenicity | | | |
| <u>Produ</u> Rema | | : | No data available | |
| IARC | | | his product present at levels great ble, possible or confirmed human | |
| IARC OSH/ | A No compo | | his product present at levels great egulated carcinogens. | ter than or equal to 0.1% is |
| NTP | | | his product present at levels great wn or anticipated carcinogen by N | |
| Repro | oductive toxicity | | | |
| <u>Produ</u> Effect | uct: ts on fertility | : | Remarks: No data available | |
| | ts on foetal opment | : | Remarks: No data available | |
| sтот | - single exposure | | | |
| <u>Produ</u> Rema | | : | No data available | |
| STOT | - repeated exposu | ire | | |
| <u>Produ</u> Rema | | : | No data available | |
| Repe | ated dose toxicity | | | |
| <u>Produ</u> Rema | | : | This information is not available. | |
| <u>Com</u> | oonents: | | | |
| | tion mixture of hyd oxide: | rogenate | ed tallow alkyl amines with seba | acic acid and barium |
| NOAE | | : | 150 mg/kg | |
| | | | | |





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| Aspi | ration toxicity | | | | |
| Product: This information is not available. | | | | | |
| Furth | ner information | | | | |

Product:

Remarks

: Information given is based on data on the components and the toxicology of similar products.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

| Product: Toxicity to fish | : | Remarks: Very toxic to aquatic organisms, may cause long- term adverse effects in the aquatic environment. |
|---|---|---|
| Toxicity to daphnia and other aquatic invertebrates | : | Remarks: No data available |
| Toxicity to algae/aquatic plants | : | Remarks: No data available |
| Toxicity to microorganisms | : | Remarks: No data available |

Components:

Reaction mixture of hydrogenated tallow alkyl amines with sebacic acid and barium hydroxide:

| Toxicity to fish | : | LC50 (Danio rerio (zebra fish)): > 100 mg/l Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203 GLP: yes |
|---|---|---|
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Test Type: Immobilization Method: OECD Test Guideline 202 |





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| | | | GLP: yes | |
| Toxic plants | ity to algae/aquatic | : | ErC50 (Desmodesmus subspicate Exposure time: 72 h Test Type: Growth inhibition Method: OECD Test Guideline 20 GLP: yes | |
| Toxic | ity to microorganisms | : | EC50 (Bacteria): > 1,000 mg/l Exposure time: 3 h Test Type: Respiration inhibition Method: OECD Test Guideline 20 GLP: yes | 99 |
| Persi | stence and degradab | oility | | |
| <u>Produ</u> Biode | <u>uct:</u> gradability | : | Remarks: No data available | |
| | co-chemical vability | : | Remarks: No data available | |
| <u>Com</u> | ponents: | | | |
| | tion mixture of hydro oxide: | gena | ted tallow alkyl amines with seba | acic acid and barium |
| - | gradability | : | Primary biodegradation Inoculum: activated sludge Result: Not rapidly biodegradable Biodegradation: 16.8 % Exposure time: 28 d Method: OECD Test Guideline 30 GLP: yes | |
| Bioad | ccumulative potential | | | |
| <u>Prod</u> u Bioac | uct: cumulation | : | Remarks: No data available | |
| <u>Com</u> | ponents: | | | |
| | | gena | ted tallow alkyl amines with seba | acic acid and barium |
| hydro | oxide: | | | a brand of |





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| | Partitio octano | n coefficient: n- I/water | : | log Pow: 0.9 - 18 | |
| | Mobilit | ty in soil | | | |
| | <u>Produ</u> Mobility | | : | Remarks: No data available | |
| | | ution among nmental compartments | : | Remarks: No data available | |
| | Other | adverse effects | | | |
| | <u>Produ</u> | <u>ct:</u> | | | |
| | Ozone | -Depletion Potential | : | Regulation: 40 CFR Protection of Environ Protection of Stratospheric Ozone - CAA Substances Remarks: This product neither contains, r manufactured with a Class I or Class II OI U.S. Clean Air Act Section 602 (40 CFR & B). | Section 602 Class I nor was DS as defined by the |
| | Additio informa | nal ecological ation | : | Very toxic to aquatic organisms, may cause effects in the aquatic environment. | se long-term adverse |

SECTION 13. DISPOSAL CONSIDERATIONS

| Disposal methods | |
|------------------------|--|
| Waste from residues | The product should not be allowed to enter drains, water courses or the soil. Do not dispose of with domestic refuse. Dispose of as hazardous waste in compliance with local and national regulations. |
| Contaminated packaging | Packaging that is not properly emptied must be disposed of as the unused product. Dispose of waste product or used containers according to local regulations. |

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG





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| UN number Proper shipping name | | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOL N.O.S. (Zinc Phosphate, zinc oxide) | _ID, |
| Class Pack Labe | ing group | : 9 : III : 9 | |
| UN/II | A-DGR D No. er shipping name | : UN 3077 : Environmentally hazardous substance, solid, n.o.s. (Zinc Phosphate, zinc oxide) | |
| Labe Pack aircra | ing group Is ing instruction (cargo | 9 III Miscellaneous Dangerous Goods 956 956 | |
| (pass | senger aircraft) ronmentally hazardous | : yes | |
| UN n | G-Code number er shipping name | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOL N.O.S. (Zinc Phosphate, zinc oxide) | JD, |
| Labe EmS | ing group | : 9 : III : 9 : F-A, S-F : yes | |

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

| 49 CFR | | |
|----------------------|---|---|
| UN/ID/NA number | : | UN 3077 |
| Proper shipping name | : | Environmentally hazardous substance, solid, n.o.s. (Zinc Phosphate, zinc oxide) |
| Class | : | 9 |
| Packing group | : | III |
| Labels | : | CLASS 9 |
| ERG Code | : | 171 |
| Marine pollutant | : | no |
| Remarks | : | Not regulated by ground transportation in non-bulk packages less than 119 gallons. For packages greater than 119 gallons, or for air/sea shipping, refer to applicable marine pollutant regulations. |





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Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

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 | : | The following components are subject to reporting levels established by SARA Title III, Section 313: | | |
| | | trizinc bis(orthophospha te) | 7779-90-0 | >= 30 - < 50 % |
| | | Reaction mixture of hydrogenated tallow alkyl amines with sebacic acid and barium hydroxide | | >= 10 - < 20 % |
| | | Zinc oxide | 1314-13-2 | >= 5 - < 10 % |
| | | zinc dioleate | 557-07-3 | >= 5 - < 10 % |

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.





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SECTION 16. OTHER INFORMATION

Further information

Full text of other abbreviations

| ACGIH | | USA. ACGIH Threshold Limit Values (TLV) |
|-----------------|---|---|
| NIOSH REL | : | USA. NIOSH Recommended Exposure Limits |
| OSHA Z-1 | : | USA. Occupational Exposure Limits (OSHA) - Table Z-1 |
| | | Limits for Air Contaminants |
| ACGIH / TWA | : | 8-hour, time-weighted average |
| ACGIH / STEL | : | Short-term exposure limit |
| NIOSH REL / TWA | : | Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek |
| NIOSH REL / ST | : | STEL - 15-minute TWA exposure that should not be exceeded |
| | | at any time during a workday |
| NIOSH REL / C | : | Ceiling value not be exceeded at any time. |
| OSHA Z-1 / TWA | : | 8-hour time weighted average |

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 Harmonized 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 Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; 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 - Organization 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





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Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 01/10/2025

|| Relevant changes compared to the last edition are highlighted at the left margin. This version replaces all previous editions.

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