

SAFETY DATA SHEET

SikaThorocoat-748 Formerly MProtect FL 748



Version 1.1 Revision Date: 01/21/2021 SDS Number: 000000260803 Date of last issue: 01/21/2021
Date of first issue: 01/21/2021

SECTION 1. IDENTIFICATION

Product name : SikaThorocoat-748 Formerly MProtect FL 748

Product code : 000000000051687602

Manufacturer or supplier's details

Company name of supplier : Sika MBCC US LLC

Address : 201 POLITO AVE
Lyndhurst NJ 07071

Emergency telephone : ChemTel: +1-813-248-0585

Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Skin sensitization : Category 1

Carcinogenicity : Category 1A

Short-term (acute) aquatic hazard : Category 3

Long-term (chronic) aquatic hazard : Category 3

GHS label elements

Hazard pictograms : Two GHS hazard pictograms are shown side-by-side. The first is a red diamond with a black exclamation mark inside, representing a general hazard. The second is a red diamond with a black silhouette of a person's head and shoulders, with a starburst symbol on the chest, representing a health hazard.

Signal Word : Danger

Hazard Statements : H317 May cause an allergic skin reaction.
H350 May cause cancer.
H402 Harmful to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**
P280 Wear protective gloves/ protective clothing/ eye protection/
face protection.
P201 Obtain special instructions before use.

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P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P202 Do not handle until all safety precautions have been read and understood.
P273 Avoid release to the environment.
P272 Contaminated work clothing should not be allowed out of the workplace.

Response:

P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No data available.

Components

| Chemical name | CAS-No. | Concentration (% w/w) |
|---|------------|-----------------------|
| Limestone | 1317-65-3 | >= 25 - < 50 |
| zinc oxide | 1314-13-2 | >= 1 - < 3 |
| Polypropylene glycol alkyl phenyl ether | 9064-13-5 | >= 1 - < 3 |
| Distillates (petroleum), solvent-refined heavy paraffinic | 64741-88-4 | >= 0.3 - < 1 |
| 2-octyl-4-isothiazol-3-ones | 26530-20-1 | >= 0 - < 0.1 |
| Quartz (SiO ₂) | 14808-60-7 | >= 0 - < 0.1 |

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Show this material safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : If on skin, rinse well with water.

In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.

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- If eye irritation persists, consult a specialist.
- If swallowed : Induce vomiting immediately and call a physician.
Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.
May cause cancer.
- Notes to physician : Treat symptomatically.
-

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Foam
Water spray
Dry powder
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : water jet
- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.
-

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.
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SECTION 7. HANDLING AND STORAGE

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- Advice on protection against fire and explosion : Product is not explosive.
Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapors/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.
Protect from direct sunlight.
- Materials to avoid : Observe TRGS 509/510 storage rules.
- Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|------------|-----------|----------------------------------|--|----------|
| zinc oxide | 1314-13-2 | TWA value (Respirable fraction) | 2 mg/m3 | ACGIHTLV |
| | | STEL value (Respirable fraction) | 10 mg/m3 | ACGIHTLV |
| | | REL value (fumes/smoke) | 5 mg/m3 | NIOSH |
| | | REL value (dust) | 5 mg/m3 | NIOSH |
| | | STEL value | 10 mg/m3 | NIOSH |

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| | | (fumes/smoke) | | |
| | | Ceil_Time (dust) | 15 mg/m3 | NIOSH |
| | | PEL (Total dust) | 15 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | PEL (Respirable fraction) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | PEL (fumes/smoke) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value (fumes/smoke) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA value (Respirable fraction) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA value (Total dust) | 10 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | STEL value (fumes/smoke) | 10 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA (Respirable particulate matter) | 2 mg/m3 | ACGIH |
| | | STEL (Respirable particulate matter) | 10 mg/m3 | ACGIH |
| | | TWA (Dust) | 5 mg/m3 | NIOSH REL |
| | | TWA (Fumes) | 5 mg/m3 | NIOSH REL |
| | | ST (Fumes) | 10 mg/m3 | NIOSH REL |
| | | C (Dust) | 15 mg/m3 | NIOSH REL |
| | | TWA (Fumes) | 5 mg/m3 | OSHA Z-1 |
| | | TWA (total dust) | 15 mg/m3 | OSHA Z-1 |
| | | TWA (respirable fraction) | 5 mg/m3 | OSHA Z-1 |
| | | TWA (Total dust) | 10 mg/m3 | OSHA P0 |
| | | TWA (respirable dust fraction) | 5 mg/m3 | OSHA P0 |
| | | TWA (Fumes) | 5 mg/m3 | OSHA P0 |
| | | STEL (Fumes) | 10 mg/m3 | OSHA P0 |
| Limestone | 1317-65-3 | REL value | 5 mg/m3 | NIOSH |

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| | | (Respirable) | | |
| | | REL value (Total) | 10 mg/m3 | NIOSH |
| | | PEL (Respirable fraction) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | PEL (Total dust) | 15 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value (Respirable fraction) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA value (Total dust) | 15 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA (total dust) | 15 mg/m3 | OSHA Z-1 |
| | | TWA (respirable fraction) | 5 mg/m3 | OSHA Z-1 |
| | | TWA (Total dust) | 15 mg/m3 | OSHA P0 |
| | | TWA (respirable dust fraction) | 5 mg/m3 | OSHA P0 |
| | | TWA (Respirable) | 5 mg/m3 (Calcium carbonate) | NIOSH REL |
| | | TWA (total) | 10 mg/m3 (Calcium carbonate) | NIOSH REL |
| Quartz (SiO ₂) | 14808-60-7 | TWA value (Respirable fraction) | 0.025 mg/m3 | ACGIHTLV |
| | | TWA value | 0.05 mg/m3 (Respirable dust) | 29 CFR 1910.1001-1050 |
| | | OSHA Action level | 0.025 mg/m3 (Respirable dust) | 29 CFR 1910.1001-1050 |
| | | REL value (Respirable dust) | 0.05 mg/m3 | NIOSH |
| | | TWA (Respirable dust) | 0.05 mg/m3 | OSHA Z-1 |
| | | TWA (respirable) | 10 mg/m3 / %SiO ₂ +2 | OSHA Z-3 |
| | | TWA (respirable) | 250 mppcf / %SiO ₂ +5 | OSHA Z-3 |
| | | TWA (respirable dust fraction) | 0.1 mg/m3 | OSHA P0 |
| | | TWA (Respirable particulate mat- | 0.025 mg/m3 (Silica) | ACGIH |

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| | | ter) | | |
| | | PEL (respirable) | 0.05 mg/m3 | OSHA CARC |
| | | TWA (Respirable dust) | 0.05 mg/m3 (Silica) | NIOSH REL |
| Distillates (petroleum), solvent-refined heavy paraffinic | 64741-88-4 | TWA value (Inhalable fraction) | 5 mg/m3 | ACGIHTLV |
| | | Ceil_Time | 1,800 mg/m3 | NIOSH |
| | | REL value | 350 mg/m3 | NIOSH |
| | | REL value (Mist) | 5 mg/m3 | NIOSH |
| | | STEL value (Mist) | 10 mg/m3 | NIOSH |
| | | PEL (Mist) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | PEL | 500 ppm 2,000 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value (Mist) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA (Mist) | 5 mg/m3 | OSHA Z-1 |
| | | TWA (Inhalable particulate matter) | 5 mg/m3 | ACGIH |
| | | TWA (Mist) | 5 mg/m3 | OSHA P0 |
| | | TWA (Mist) | 5 mg/m3 | NIOSH REL |
| | | ST (Mist) | 10 mg/m3 | NIOSH REL |

Engineering measures : No applicable information available.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Do not inhale gases/vapours/aerosols.
Avoid contact with the skin, eyes and clothing.
Avoid exposure - obtain special instructions before use.
Handle in accordance with good building materials hygiene

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and safety practice.
Wearing of closed work clothing is recommended.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : milky white

Odor : mild

pH : neutral to slightly alkaline

Melting point : No applicable information available.

Boiling point : 370 - 442 °F / 188 - 228 °C

Flash point : 210 °F / 99 °C
Method: Flash-Point by Pensky-Martens Closed Cup Tester.

Evaporation rate : No applicable information available.

Flammability (solid, gas) : not determined

Upper explosion limit / Upper flammability limit : 12.5 %(V)

Lower explosion limit / Lower flammability limit : 2.4 %(V)

Vapor pressure : approx. 17 mmHg (68 °F / 20 °C)

Relative vapor density : No applicable information available.

Relative density : No applicable information available.

Density : approx. 1.33 g/cm³ (68 °F / 20 °C)

Bulk density : Not applicable

Solubility(ies)
Water solubility : partly soluble
No applicable information available.

Solubility in other solvents : No applicable information available.

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Partition coefficient: n-octanol/water : No applicable information available.

Autoignition temperature : No data available

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity
Viscosity, dynamic : No applicable information available.
Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive
Not explosive

Oxidizing properties : Based on its structural properties the product is not classified as oxidizing.

Sublimation point : No applicable information available.

Molecular weight : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.

Conditions to avoid : See SDS section 7 - Handling and storage.

Incompatible materials : Strong acids
Strong bases
Strong oxidizing agents
Strong reducing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : Remarks: No applicable information available.

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Acute dermal toxicity : Remarks: No applicable information available.

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks : May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Remarks : Vapors may cause irritation to the eyes, respiratory system and the skin.

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Product:

Remarks : Causes sensitization.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

May cause cancer.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Product:

No aspiration hazard expected.

Further information

Product:

Remarks : No data available

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Components:

zinc oxide:

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

2-octyl-4-isothiazol-3-ones:

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

Persistence and degradability

No data available

Bioaccumulative potential

Components:

zinc oxide:

Partition coefficient: n-octanol/water : Remarks: The value has not been determined because the substance is inorganic.

Distillates (petroleum), solvent-refined heavy paraffinic:

Partition coefficient: n-octanol/water : log Pow: > 4
Method: other (calculated)

Mobility in soil

Components:

zinc oxide:

Distribution among environmental compartments : Adsorption
Medium: water - soil
log Kd: 1.15
Method: Calculation method
Remarks: Not applicable

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Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life.
Harmful to aquatic life with long lasting effects.
The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with national, state and local regulations.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

US State Regulations

Pennsylvania Right To Know

| | |
|----------------------------|------------|
| Titanium dioxide | 13463-67-7 |
| Quartz (SiO ₂) | 14808-60-7 |

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propane-1,2-diol 57-55-6
Distillates (petroleum), solvent-refined heavy paraffinic 64741-88-4
Limestone 1317-65-3
zinc oxide 1314-13-2

New Jersey Right To Know

Titanium dioxide 13463-67-7
propane-1,2-diol 57-55-6
Limestone 1317-65-3
Quartz (SiO₂) 14808-60-7
Distillates (petroleum), solvent-refined heavy paraffinic 64741-88-4
zinc oxide 1314-13-2

California Prop. 65

WARNING: This product can expose you to chemicals including lead, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

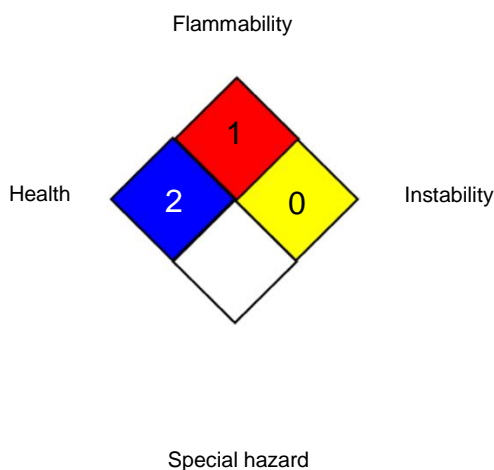
The ingredients of this product are reported in the following inventories:

DSL : All components of this product are on the Canadian DSL
TSCA : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

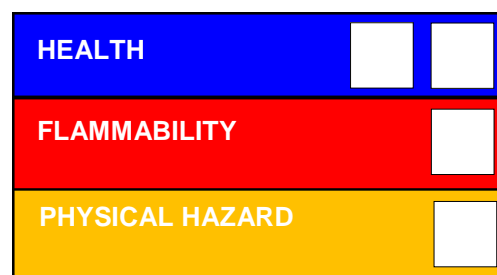
SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

29 CFR 1910.1000 (Table Z-1-A) : OSHA - Table Z-1-A (29 CFR 1910.1000)
29 CFR 1910.1000 (Table Z-1) : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR

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| 1) | 1910.1000 |
| 29 CFR 1910.1001-1050 | : OSHA - Specifically Regulated Substances (29 CFR 1910.1001-1050) |
| ACGIH | : USA. ACGIH Threshold Limit Values (TLV) |
| ACGIHTLV | : American Conference of Governmental Industrial Hygienists - threshold limit values (US) |
| NIOSH | : NIOSH Pocket Guide to Chemical Hazards (US) |
| NIOSH REL | : USA. NIOSH Recommended Exposure Limits |
| OSHA CARC | : OSHA Specifically Regulated Chemicals/Carcinogens |
| OSHA P0 | : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 |
| OSHA Z-1 | : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants |
| OSHA Z-3 | : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts |
| 29 CFR 1910.1000 (Table Z-1-A) / STEL value | : Short Term Exposure Limit (STEL): |
| 29 CFR 1910.1000 (Table Z-1-A) / TWA value | : Time Weighted Average (TWA): |
| 29 CFR 1910.1000 (Table Z-1) / PEL | : Permissible exposure limit |
| 29 CFR 1910.1001-1050 / OSHA Action level | : OSHA Action level: |
| 29 CFR 1910.1001-1050 / TWA value | : Time Weighted Average (TWA): |
| ACGIH / TWA | : 8-hour, time-weighted average |
| ACGIH / STEL | : Short-term exposure limit |
| ACGIHTLV / STEL value | : Short Term Exposure Limit (STEL): |
| ACGIHTLV / TWA value | : Time Weighted Average (TWA): |
| NIOSH / Ceil_Time | : Ceiling Limit Value and Time Period (if specified): |
| NIOSH / REL value | : Recommended exposure limit (REL): |
| NIOSH / STEL value | : Short Term Exposure Limit (STEL): |
| 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 CARC / PEL | : Permissible exposure limit (PEL) |
| OSHA P0 / TWA | : 8-hour time weighted average |
| OSHA P0 / STEL | : Short-term exposure limit |
| OSHA Z-1 / TWA | : 8-hour time weighted average |
| OSHA Z-3 / TWA | : 8-hour time weighted average |

AICS - Australian Inventory of Chemical Substances; 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

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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; 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

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