

SAFETY DATA SHEET

CyLence Ultra™



Version Revision Date: SDS Number: Date of last issue: -
1.0 10/26/2021 122000018711 Date of first issue: 10/26/2021

SECTION 1. IDENTIFICATION

Product information

Product Name : CyLence Ultra™
Synonyms : CyLence Ultra™ Premise Spray
 : CyLence Ultra™ Pest Control Concentrate
 : CyLence Ultra™ Intermediate
 : Tempo SC Ultra Pest Control Concentrate
 : Tempo SC Ultra Premise Spray

SDS Number : 122000018711

Use : Pesticide

Company

Elanco US Inc.
2500 Innovation Way
Greenfield, IN 46140
USA
+1-877-Elanco1(+1-877-3526261)
elanco_sds@elancoah.com

In case of emergency: CHEMTREC International: +1 703-527-3887 (24 hours)

SECTION 2. HAZARDS IDENTIFICATION

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

Acute toxicity (Oral) : Category 4
Acute toxicity (Inhalation) : Category 3
Eye irritation : Category 2B

GHS label elements

Hazard pictograms : 

Signal word : Danger

Hazard statements : H302 Harmful if swallowed.
 : H320 Causes eye irritation.
 : H331 Toxic if inhaled.

Precautionary statements : **Prevention:**
 : P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 : P264 Wash skin thoroughly after handling.
 : P270 Do not eat, drink or smoke when using this product.
 : P271 Use only outdoors or in a well-ventilated area.

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Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.
P304 + P340 + P311 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Propane-1,2-diol	57-55-6	>= 10 - < 20
β-Cyfluthrin	68359-37-5	>= 10 - < 20
Silicon dioxide (amorphous)	112945-52-5	>= 1 - < 5
Bronopol (INN)	52-51-7	>= 0.1 - < 1

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice : Take off all contaminated clothing immediately.

If inhaled : Remove to fresh air.
Call a physician immediately.

In case of skin contact : After contact with skin, wash immediately with plenty of soap and water.
If skin reactions occur, contact a physician.

In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed : In case of accidental ingestion, contact your regional poison center or physician immediately.

Most important symptoms and effects, both acute and delayed : Harmful if swallowed.
Causes eye irritation.
Toxic if inhaled.

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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
- Specific hazards during fire-fighting : Fire may cause evolution of:
Carbon monoxide
Carbon dioxide (CO₂)
- Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Use with adequate ventilation.
- Methods and materials for containment and cleaning up : Suppress (knock down) gases/vapours/mists with a water spray jet.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Place in closed containers. Label for proper disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : No special protective measures against fire required.
- Advice on safe handling : Avoid formation of aerosol.
Use with local exhaust ventilation.
Avoid contact with skin, eyes and clothing.
- Recommended storage temperature : 0 - 100 °F / -18 - 38 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Propane-1,2-diol	57-55-6	TWA	10 mg/m ³	US WEEL
Silicon dioxide (amorphous)	112945-52-5	TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m ³ / %SiO ₂ (Silica)	OSHA Z-3
		TWA	6 mg/m ³ (Silica)	NIOSH REL

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Personal protective equipment

Respiratory protection : Recommended Filter type:
Organic vapor with prefilter

Hand protection
Material : Chemically resistant gloves.

Eye protection : Safety glasses

Protective measures : Wear suitable protective equipment.
Please consult label for end-user requirements.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : viscous liquid, suspension

Colour : white to beige

Odour : No data available

pH : 3.5 - 5.5
Concentration: 10 %

Melting point / range : 154 °F / 68 °C

Boiling point/boiling range : No data available

Flash point : > 200.1 °F / > 93.4 °C

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : No data available

Density : 1.06 g/cm³ (68 °F / 20 °C)

Solubility(ies)
Water solubility : No data available

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity
Viscosity, dynamic : 1,060 mPa.s (73 °F / 23 °C)

Viscosity, kinematic : No data available

Explosive properties : No data available

Oxidizing properties : No data available

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Impact sensitivity : No data available
Minimum ignition energy : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No data available
Chemical stability : No data available
Possibility of hazardous reactions : No data available
Conditions to avoid : No data available
Incompatible materials : Oxidizing agents
Hazardous decomposition products : Carbon monoxide
Carbon dioxide (CO₂)

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Harmful if swallowed.
Toxic if inhaled.

Product:

Acute oral toxicity : LD50 (Rat, male): 960 mg/kg
Assessment: The component/mixture is moderately toxic after single ingestion.

Acute inhalation toxicity : (Rat, male and female): > 1.72 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Remarks: (highest technical producible concentration)

Acute toxicity estimate: 0.677 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg

Components:

Propane-1,2-diol:

Acute oral toxicity : LD50 (Rat): 22,000 mg/kg
Assessment: The substance or mixture has no acute oral toxicity

Acute dermal toxicity : LD50 (Rabbit): 20,800 mg/kg

β-Cyfluthrin:

Acute oral toxicity : Assessment: The component/mixture is highly toxic after single ingestion.

Acute inhalation toxicity : LC50 (Rat): 0.08 mg/l

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Exposure time: 4 h
Test atmosphere: dust/mist

LC50 (Rat): 0.53 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Silicon dioxide (amorphous):

Acute oral toxicity : LD50 (Rat): > 20,000 mg/kg
Assessment: The substance or mixture has no acute oral toxicity

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

Bronopol (INN):

Acute oral toxicity : LD50 (Rat, male): 273 mg/kg
Method: OECD Test Guideline 401
GLP: yes

LD50 (Rat, female): 354 mg/kg
Method: OECD Test Guideline 401
GLP: yes

Acute inhalation toxicity : LC50 (Rat): 5 mg/l
Exposure time: 6 h

LC50 (Rat): >= 0.566 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rat): 1,600 mg/kg
LD50 (Mouse): 4,750 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Product:

Species : Rabbit
Result : No skin irritation

Components:

Propane-1,2-diol:

Species : Rabbit
Result : No skin irritation

β-Cyfluthrin:

Species : Rabbit
Result : slight irritation

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Silicon dioxide (amorphous):

Species : Rabbit
Result : No skin irritation

Bronopol (INN):

Species : Rabbit
Exposure time : 4 h
Method : OECD Test Guideline 404
Result : Severe skin irritation
GLP : yes

Serious eye damage/eye irritation

Causes eye irritation.

Product:

Species : Rabbit
Result : Mild eye irritation

Components:

Propane-1,2-diol:

Species : Rabbit
Result : No eye irritation

β-Cyfluthrin:

Species : Rabbit
Result : slight irritation

Silicon dioxide (amorphous):

Species : Rabbit
Result : No eye irritation

Bronopol (INN):

Result : Irritating to eyes.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Product:

Species : Guinea pig
Result : Does not cause skin sensitisation.

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Components:

Propane-1,2-diol:

Species : Human experience
Result : Does not cause skin sensitisation.

Species : Guinea pig
Method : OECD Test Guideline 406
Result : Does not cause skin sensitisation.

β-Cyfluthrin:

Species : Guinea pig
Result : Does not cause skin sensitisation.

Silicon dioxide (amorphous):

Assessment : An acute toxic effect is not expected.

Bronopol (INN):

Test Type : Skin sensitisation
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Does not cause skin sensitisation.

Germ cell mutagenicity

Not classified based on available information.

Components:

Propane-1,2-diol:

Genotoxicity in vitro : Test Type: Ames test
Test system: Bacteria
Metabolic activation: yes
Method: OECD Test Guideline 471
Result: negative

Test system: mammalian cells
Method: OECD Test Guideline 476
Result: negative

Genotoxicity in vivo : Method: OECD Test Guideline 478
Result: negative

Silicon dioxide (amorphous):

Genotoxicity in vitro : Test Type: In vitro gene mutation study in mammalian cells
Remarks: The available study results do not lead to a GHS classification

Genotoxicity in vivo : Result: No indication of mutagenic effects.

Bronopol (INN):

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro
Test system: Human lymphocytes

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Metabolic activation: no
Method: OECD Test Guideline 473
Result: positive

Test Type: In vitro gene mutation study in mammalian cells
Test system: Hamster V79-cells
Metabolic activation: with and without metabolic activation
Result: negative
GLP: yes

Test Type: Ames test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Result: negative
GLP: yes

Genotoxicity in vivo

: Test Type: Micronucleus test
Species: Mouse (male and female)
Application Route: Oral
Exposure time: Single dose
Method: OECD Test Guideline 474
Result: negative
GLP: yes

Test Type: Chromosome aberration test in vivo
Species: Mouse (male and female)
Application Route: Oral
Exposure time: Multiple dose
Method: Dominant lethale test
Result: negative
GLP: no

Test Type: DNA damage and/or repair
Species: Rat (male)
Cell type: Liver cells
Application Route: Oral
Exposure time: Single dose
Method: OECD Test Guideline 486
Result: negative
GLP: yes

Carcinogenicity

Not classified based on available information.

Components:

Propane-1,2-diol:

Species : Rat
Application Route : Oral
Exposure time : 730 days
Frequency of Treatment : once daily
Result : negative

Silicon dioxide (amorphous):

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Result : No indication on the basis of the available data.

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 based on available information.

Components:

Propane-1,2-diol:

Effects on fertility : Species: Rat, female
Application Route: Oral
General Toxicity - Parent: NOAEL: 1,600 mg/kg
Result: Animal testing did not show any effects on fertility.

Bronopol (INN):

Effects on fertility : Species: Rat
Application Route: Oral
General Toxicity - Parent: NOAEL: > 40 mg/kg
General Toxicity F1: NOAEL: > 40 mg/kg

Test Type: Two-generation study
Species: Rat
Application Route: Oral
General Toxicity - Parent: NOAEL: 70 mg/kg
General Toxicity F1: NOAEL: 200 mg/kg
General Toxicity F2: NOAEL: 200 mg/kg

STOT - single exposure

Not classified based on available information.

Components:

Bronopol (INN):

Assessment : May cause respiratory irritation.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

Propane-1,2-diol:

Species : Rat
NOAEL : 50,000 mg/kg
Application Route : Oral

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Exposure time : 24 month
Species : Rat
NOAEL : 1 mg/l
Application Route : Inhalation
Exposure time : 3 month
Number of exposures : Once daily

Silicon dioxide (amorphous):

Repeated dose toxicity - Assessment : An acute toxic effect is not expected.

Bronopol (INN):

Species : Dog, male and female
NOAEL : 8 mg/kg
LOAEL : 20 mg/kg
Application Route : Oral
Exposure time : 3 month
Number of exposures : Once daily

Species : Rabbit, male and female
NOAEL : ca. 0,2 %
LOAEL : ca. 0,5 %
Application Route : Dermal
Exposure time : 21 days
Number of exposures : Once daily

Aspiration toxicity

Not classified based on available information.

Experience with human exposure

Components:

Silicon dioxide (amorphous):

General Information : Prolonged inhalation of fine quartz dust may produce in susceptible persons silicosis. Fine quartz dust has no acute toxicity. Ingestion of fine quartz dust is harmless.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Propane-1,2-diol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 40,613 mg/l
Exposure time: 96 h
Test Type: Acute Fish toxicity

Toxicity to daphnia and other aquatic invertebrates : LC50 (Dendraster excentricus (Sand dollar)): 18,340 mg/l
Exposure time: 48 h

Toxicity to microorganisms : NOEC (Pseudomonas putida): 20,000 mg/l

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Exposure time: 18 h

Ecotoxicology Assessment

Acute aquatic toxicity : slightly hazardous to water

β-Cyfluthrin:

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Silicon dioxide (amorphous):

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 10,000 mg/l
Exposure time: 96 h
Test Type: Acute Fish toxicity
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Bronopol (INN):

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Persistence and degradability

Components:

Propane-1,2-diol:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 87 - 92 %
Exposure time: 28 d
Method: OECD Test Guideline 301C

Bronopol (INN):

Biodegradability : aerobic
Concentration: 0.1 mg/l
Result: rapidly biodegradable
Biodegradation: 70 - 80 %
Exposure time: 28 d
Method: OECD Test Guideline 301B
GLP: yes

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Bioaccumulative potential

Components:

Propane-1,2-diol:

Bioaccumulation : Bioconcentration factor (BCF): 0.09

Partition coefficient: n-octanol/water : log Pow: -1.07

β-Cyfluthrin:

Bioaccumulation : Remarks: Bioaccumulative potential

Partition coefficient: n-octanol/water : Pow: 6.18 (72 °F / 22 °C)

Bronopol (INN):

Partition coefficient: n-octanol/water : log Pow: 0.22 (75 °F / 24 °C)
pH: 7
Method: Regulation (EC) No. 440/2008, Annex, A.8
GLP: yes

Mobility in soil

No data available

Other adverse effects

Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: 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).

Additional ecological information : Do not allow to enter surface waters or groundwater.

Components:

Propane-1,2-diol:

Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

Bronopol (INN):

Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

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SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

UN/ID No. : UN 2902
Proper shipping name : PESTICIDE, LIQUID, TOXIC, N.O.S.
(BETA-CYFLUTHRIN)
Class : 6.1
Packing group : II
Labels : Toxic
Packing instruction (cargo aircraft) : 662
Packing instruction (passenger aircraft) : 654

IMDG-Code

UN number : UN 2902
Proper shipping name : PESTICIDE, LIQUID, TOXIC, N.O.S.
(BETA-CYFLUTHRIN)
Class : 6.1
Packing group : II
Labels : 6.1
EmS Code : F-A, S-A
Marine pollutant : no

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

Not permitted for transport

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

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium hydroxide	1310-73-2	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS 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 : Acute toxicity (any route of exposure)
Serious eye damage or eye irritation

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SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

β-Cyfluthrin 68359-37-5 >= 10 - < 20 %

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).

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 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

Propane-1,2-diol 57-55-6 >= 10 - < 20 %

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

Sodium hydroxide 1310-73-2 >= 0.1 - < 1 %

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

Sodium hydroxide 1310-73-2 >= 0.1 - < 1 %

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

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know

Water 7732-18-5
Propane-1,2-diol 57-55-6
β-Cyfluthrin 68359-37-5
Sodium hydroxide 1310-73-2

Maine Chemicals of High Concern

Product does not contain any listed chemicals

Vermont Chemicals of High Concern

Product does not contain any listed chemicals

Washington Chemicals of High Concern

Product does not contain any listed chemicals

California Permissible Exposure Limits for Chemical Contaminants

Silicon dioxide (amorphous) 112945-52-5

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

TSCA : Product contains substance(s) not listed on TSCA inventory.

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TSCA list

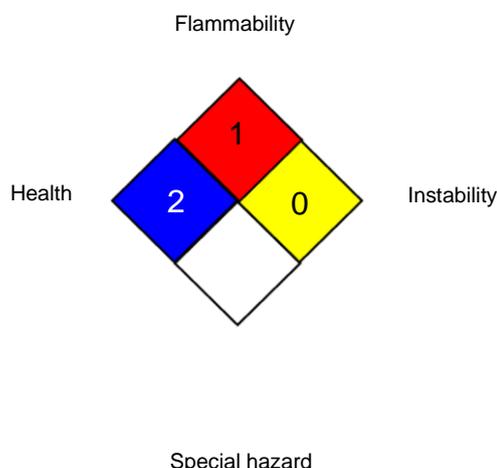
No substances are subject to a Significant New Use Rule.

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

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:

HEALTH	/	2
FLAMMABILITY		1
PHYSICAL HAZARD		0

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

NIOSH REL : USA. NIOSH Recommended Exposure Limits
OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
US WEEL : USA. Workplace Environmental Exposure Levels (WEEL)
NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
OSHA Z-3 / TWA : 8-hour time weighted average
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 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 - In-

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ternational 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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