		Page: 1
<b>SAFETY DATA SHEET</b>		Revision Date: 12/27/2016
		Print Date: 6/2/2017
		SDS Number: R0296917
Zerex™ RADIATOR SUPER SEALER		Version: 1.2
ZXC03		

29 CFR 1910.1200 (OSHA HazCom 2012)

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**  
 Trade name : Zerex™ RADIATOR  
 SUPER SEALER

### Relevant identified uses of the substance or mixture and uses advised against


<b>Details of the supplier of the safety data sheet</b> Valvoline LLC 3499 Blazer Parkway Lexington, KY 40509 United States of America (USA) 1-800-TEAMVAL	<b>Emergency telephone number</b> 1-800-VALVOLINE  <b>Regulatory Information Number</b> 1-800-TEAMVAL  <b>Product Information</b> 1-800-TEAMVAL
---	--

## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**  
 Carcinogenicity : Category 1A

Reproductive toxicity : Category 2

### GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : May cause cancer.  
 Suspected of damaging fertility or the unborn child.

Precautionary Statements : **Prevention:**  
 Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
**Response:**  
 IF exposed or concerned: Get medical advice/ attention.  
**Storage:**  
 Store locked up.  
**Disposal:**

**SAFETY DATA SHEET**

Revision Date: 12/27/2016

Print Date: 6/2/2017

SDS Number: R0296917

Zerex™ RADIATOR SUPER SEALER

Version: 1.2

ZXC03

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

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Hazardous components**


Chemical name	CAS-No.	Classification	Concentration (%)
BENTONITE ROCK CLAY	1302-78-9	This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).	4.0013
CELLULOSE	9004-34-6		3.6013
SODIUM METABORATE, anhydrous	7775-19-1	Eye Irrit. 2A; H319 Repr. 2; H361d Repr. 2; H361	0.8003
QUARTZ / SAND	14808-60-7	Carc. 1A; H350 STOT RE 1; H372	0.4001

**SECTION 4. FIRST AID MEASURES**

General advice : Move out of dangerous area.  
Call a POISON CENTRE or doctor/physician if exposed or you feel unwell.  
Show this 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 : First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing

		Page: 3
<b>SAFETY DATA SHEET</b>		Revision Date: 12/27/2016
		Print Date: 6/2/2017
		SDS Number: R0296917
Zerex™ RADIATOR SUPER SEALER		Version: 1.2
ZXC03		


with soap and water.

- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Obtain medical attention.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:  
stomach or intestinal upset (nausea, vomiting, diarrhea)  
irritation (nose, throat, airways)  
May cause cancer.  
Suspected of damaging fertility or the unborn child.
- Notes to physician : No hazards which require special first aid measures.

---

## SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : carbon dioxide and carbon monoxide
- Specific extinguishing methods :  
  
Product is compatible with standard fire-fighting agents.
- Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

		Page: 4
<b>SAFETY DATA SHEET</b>		Revision Date: 12/27/2016
		Print Date: 6/2/2017
		SDS Number: R0296917
Zerex™ RADIATOR SUPER SEALER		Version: 1.2
ZXC03		

## SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.  
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
- 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 : Keep in suitable, closed containers for disposal.
- Other information : Comply with all applicable federal, state, and local regulations.

## SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Do not breathe vapours/dust.  
Do not smoke.  
Container hazardous when empty.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
Smoking, eating and drinking should be prohibited in the application area.  
For personal protection see section 8.  
Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Observe label precautions.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
CELLULOSE	9004-34-6	TWA	10 mg/m <sup>3</sup>	ACGIH
		TWA	5 mg/m <sup>3</sup> Respirable	NIOSH REL
		TWA	10 mg/m <sup>3</sup> total	NIOSH REL
		TWA	15 mg/m <sup>3</sup>	OSHA Z-1



**SAFETY DATA SHEET**

Revision Date: 12/27/2016

Print Date: 6/2/2017

SDS Number: R0296917

Zerex™ RADIATOR SUPER SEALER

Version: 1.2


ZXC03

			total dust	
		TWA	5 mg/m3 respirable fraction	OSHA Z-1
		TWA	15 mg/m3 Total dust	OSHA P0
		TWA	5 mg/m3 respirable dust fraction	OSHA P0
		PEL	10 mg/m3 Total dust	CAL PEL
		PEL	5 mg/m3 respirable dust fraction	CAL PEL
QUARTZ / SAND	14808-60-7	TWA	30 mg/m3 / %SiO2+2 total dust	OSHA Z-3
		TWA	10 mg/m3 / %SiO2+2 respirable	OSHA Z-3
		TWA	250 mppcf / %SiO2+5 respirable	OSHA Z-3
		PEL	0.3 mg/m3 Total dust	CAL PEL
		PEL	0.1 mg/m3 respirable dust fraction	CAL PEL
		TWA	0.1 mg/m3 respirable dust fraction	OSHA P0
		TWA	0.025 mg/m3 Respirable fraction (Silica)	ACGIH
		TWA	0.05 mg/m3 Respirable dust (Silica)	NIOSH REL
SILICA - CRYSTALLINE, TRIDYMITE	15468-32-3	PEL	0.05 mg/m3 Respirable dust	CAL PEL
		TWA	0.05 mg/m3 respirable dust fraction	OSHA P0
		TWA	0.05 mg/m3 Respirable dust (Silica)	NIOSH REL

**Hazardous components without workplace control parameters**

Components	CAS-No.
------------	---------

**Engineering measures** : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or

		Page: 6
<b>SAFETY DATA SHEET</b>		Revision Date: 12/27/2016
		Print Date: 6/2/2017
		SDS Number: R0296917
Zerex™ RADIATOR SUPER SEALER		Version: 1.2
ZXC03		

apparent adverse effects.

**Personal protective equipment**

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

Hand protection

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

Eye protection

: Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

Skin and body protection

: Wear as appropriate:  
 Impervious clothing  
 Safety shoes  
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
 Wear resistant gloves (consult your safety equipment supplier).

Hygiene measures

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

---

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state : liquid

Odour : No data available

Odour Threshold : No data available

pH : No data available

Melting point/freezing point : No data available

Boiling point/boiling range : 212 °F / 100 °C

**SAFETY DATA SHEET**

Revision Date: 12/27/2016

Print Date: 6/2/2017

SDS Number: R0296917

Zerex™ RADIATOR SUPER SEALER


Version: 1.2

ZXC03

Flash point	:	(1,013.333333 hPa) Calculated Phase Transition Liquid/Gas Not applicable
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapour pressure	:	23.3333333 hPa (20 °C) Calculated Vapor Pressure
Relative vapour density	:	No data available
Relative density	:	No data available
Density	:	No data available
Solubility(ies)		
Water solubility	:	No data available
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Thermal decomposition	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Oxidizing properties	:	No data available

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	Stable under recommended storage conditions.
Possibility of hazardous reactions	:	Product will not undergo hazardous polymerization.
Conditions to avoid	:	UV light. Exposure to sunlight.
Incompatible materials	:	Acids Bases

		Page: 8
<b>SAFETY DATA SHEET</b>		Revision Date: 12/27/2016
		Print Date: 6/2/2017
		SDS Number: R0296917
Zerex™ RADIATOR SUPER SEALER		Version: 1.2
ZXC03		

Oxidizing agents

Hazardous decomposition products

carbon dioxide and carbon monoxide

## SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation  
Skin contact  
Eye Contact  
Ingestion

### Acute toxicity

Not classified based on available information.

### Components:

#### CELLULOSE:

Acute oral toxicity : LD50 (Rat): > 5 g/kg

Acute inhalation toxicity : LC50 (Rat): > 5.8 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: Not classified as acutely toxic by inhalation under GHS.


Acute dermal toxicity : LD50 (Rabbit): > 2 g/kg  
Assessment: Not classified as acutely toxic by dermal absorption under GHS.

#### SODIUM METABORATE, anhydrous:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Assessment: Not classified as acutely toxic by ingestion under GHS.  
Remarks: Information given is based on data obtained from similar substances.  
No mortality observed at this dose.

Acute inhalation toxicity : LC50 (Rat): > 2.04 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
GLP: yes  
Assessment: Not classified as acutely toxic by inhalation under GHS.  
Remarks: Information given is based on data obtained from similar substances.  
No mortality observed at this dose.

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
GLP: yes  
Assessment: Not classified as acutely toxic by dermal

		Page: 9
<b>SAFETY DATA SHEET</b>		Revision Date: 12/27/2016
		Print Date: 6/2/2017
		SDS Number: R0296917
Zerex™ RADIATOR SUPER SEALER		Version: 1.2
ZXC03		

absorption under GHS.  
 Remarks: Information given is based on data obtained from similar substances.  
 No mortality observed at this dose.

**Skin corrosion/irritation**

Not classified based on available information.

**Components:**

CELLULOSE:

Result: No skin irritation

SODIUM METABORATE, anhydrous:

Species: Rabbit

Result: Slight, transient irritation

QUARTZ / SAND:

Result: Slight, transient irritation

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

Remarks: Unlikely to cause eye irritation or injury.

**Components:**

CELLULOSE:

Result: No eye irritation

SODIUM METABORATE, anhydrous:

Species: Rabbit

Result: Irritating to eyes.

QUARTZ / SAND:

Result: Slight, transient irritation

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

**Components:**

SODIUM METABORATE, anhydrous:

Test Type: Buehler Test

Species: Guinea pig

Assessment: Does not cause skin sensitisation.

Germ cell mutagenicity

Not classified based on available information.

**Components:**

CELLULOSE:

Genotoxicity in vitro


: Test Type: Ames test

Test species: Salmonella typhimurium

Metabolic activation: with and without metabolic activation

Result: negative

**Carcinogenicity**

		Page: 10
<b>SAFETY DATA SHEET</b>		Revision Date: 12/27/2016
		Print Date: 6/2/2017
		SDS Number: R0296917
Zerex™ RADIATOR SUPER SEALER		Version: 1.2
ZXC03		

May cause cancer.

**Components:**

QUARTZ / SAND:

Carcinogenicity - Assessment : Human carcinogen.

**Reproductive toxicity**

Suspected of damaging fertility or the unborn child.

**Components:**

SODIUM METABORATE, anhydrous:

Reproductive toxicity - Assessment : Some evidence of adverse effects on development, based on animal experiments.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Components:**

QUARTZ / SAND:

Exposure routes: inhalation (dust/mist/fume)

Target Organs: Respiratory system, Kidney

Assessment: Causes damage to organs through prolonged or repeated exposure.

**Aspiration toxicity**

Not classified based on available information.

**Further information**

**Product:**

Remarks: No data available

**Components:**

QUARTZ / SAND:

Remarks: Lung

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Product:**

Ecotoxicology Assessment

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

**Components:**

SODIUM METABORATE, anhydrous:


Toxicity to fish : LC50 (Fish): > 100 mg/l

Exposure time: 96 h

Remarks: Information given is based on data obtained from similar substances.

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 133 mg/l

Exposure time: 48 h

		Page: 11
<b>SAFETY DATA SHEET</b>		Revision Date: 12/27/2016
		Print Date: 6/2/2017
		SDS Number: R0296917
Zerex™ RADIATOR SUPER SEALER		Version: 1.2
ZXC03		

Test Type: static test  
Remarks: Information given is based on data obtained from similar substances.

Toxicity to algae : NOEC (Dunaliella tertiolecta (marine algae)): 50 mg/l  
End point: Growth inhibition  
Exposure time: 240 h  
Test Type: static test  
Remarks: Information refers to the main component.

Toxicity to fish (Chronic toxicity) : NOEC (Danio rerio (zebra fish)): 13 mg/l  
Exposure time: 4 d  
Remarks: Information refers to the main component.

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Aquatic invertebrates): 16.6 mg/l  
Exposure time: 28 d  
Test Type: flow-through test  
Remarks: Information refers to the main component.

**Persistence and degradability**

SODIUM METABORATE, anhydrous:

Biodegradability : Result: The methods for determining biodegradability are not applicable to inorganic substances.

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**Product:**

Additional ecological information : No data available

---

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

General advice : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.  
  
Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Do not re-use empty containers.



**SAFETY DATA SHEET**

Revision Date: 12/27/2016

Print Date: 6/2/2017

SDS Number: R0296917

Zerex™ RADIATOR SUPER SEALER

Version: 1.2

ZXC03

**SECTION 14. TRANSPORT INFORMATION**

**International transport regulations**

**REGULATION**

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
-----------	----------------------	---------------	--------------------	---------------	------------------------------

**U.S. DOT - ROAD**

Not dangerous goods
---------------------

**CFR\_RAIL\_C**

Not dangerous goods
---------------------

**U.S. DOT - INLAND WATERWAYS**

Not dangerous goods
---------------------

**TDG\_ROAD\_C**

Not dangerous goods
---------------------

**TDG\_RAIL\_C**

Not dangerous goods
---------------------

**TDG\_INWT\_C**

Not dangerous goods
---------------------

**INTERNATIONAL MARITIME DANGEROUS GOODS**

Not dangerous goods
---------------------

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO**

Not dangerous goods
---------------------


**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER**

Not dangerous goods
---------------------

**MX\_DG**

Not dangerous goods
---------------------

\*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

		Page: 13
<b>SAFETY DATA SHEET</b>		Revision Date: 12/27/2016
		Print Date: 6/2/2017
		SDS Number: R0296917
Zerex™ RADIATOR SUPER SEALER		Version: 1.2
ZXC03		

Marine pollutant	no
------------------	----

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

## SECTION 15. REGULATORY INFORMATION

### EPCRA - Emergency Planning and Community Right-to-Know Act CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Chronic Health Hazard

**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.

**California Prop 65** : Proposition 65 warnings are not required for this product based on the results of a risk assessment.

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

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

AICS : On the inventory, or in compliance with the inventory

ENCS : Not in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

TSCA : On TSCA Inventory


### Inventories

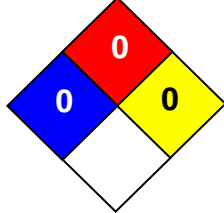
AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

## SECTION 16. OTHER INFORMATION

### Further information

Revision Date: 12/27/2016

		Page: 14
<b>SAFETY DATA SHEET</b>		Revision Date: 12/27/2016
		Print Date: 6/2/2017
		SDS Number: R0296917
Zerex™ RADIATOR SUPER SEALER		Version: 1.2
ZXC03		

<p><b>NFPA:</b></p> <p style="text-align: center;">Flammability</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">Health 0</div> <div style="text-align: center;">  </div> <div style="text-align: center;">Instability 0</div> </div> <p style="text-align: center;">Special hazard.</p>	<p><b>HMIS III:</b></p> <table border="1" style="width: 100%;"> <tr> <td style="background-color: blue; color: white; text-align: center;"><b>HEALTH</b></td> <td style="text-align: center;"><b>0*</b></td> </tr> <tr> <td style="background-color: red; color: white; text-align: center;"><b>FLAMMABILITY</b></td> <td style="text-align: center;"><b>0</b></td> </tr> <tr> <td style="background-color: yellow; text-align: center;"><b>PHYSICAL HAZARD</b></td> <td style="text-align: center;"><b>0</b></td> </tr> </table> <p>0 = not significant, 1 = Slight, 2 = Moderate, 3 = High 4 = Extreme, * = Chronic</p>	<b>HEALTH</b>	<b>0*</b>	<b>FLAMMABILITY</b>	<b>0</b>	<b>PHYSICAL HAZARD</b>	<b>0</b>
<b>HEALTH</b>	<b>0*</b>						
<b>FLAMMABILITY</b>	<b>0</b>						
<b>PHYSICAL HAZARD</b>	<b>0</b>						

**NFPA Flammable and Combustible Liquids Classification**

Not applicable

**Full text of H-Statements**

- |       |  |
|-------|--|
| H319  | Causes serious eye irritation.   |
| H350  | May cause cancer.  |
| H361  | Suspected of damaging fertility or the unborn child.                       |
| H361d | Suspected of damaging the unborn child.                                    |
| H372  | Causes damage to organs through prolonged or repeated exposure if inhaled. |

Sources of key data used to compile the Safety Data Sheet

Valvoline internal data including own and sponsored test reports

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Valvoline's Environmental Health and Safety Department (1-800-VALVOLINE).

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ACGIH : American Conference of Industrial Hygienists

BEI : Biological Exposure Index


CAS : Chemical Abstracts Service (Division of the American Chemical Society).

CMR : Carcinogenic, Mutagenic or Toxic for Reproduction

FG : Food grade

GHS : Globally Harmonized System of Classification and Labeling of Chemicals.

H-statement : Hazard Statement

		Page: 15
<b>SAFETY DATA SHEET</b>		Revision Date: 12/27/2016
		Print Date: 6/2/2017
		SDS Number: R0296917
Zerex™ RADIATOR SUPER SEALER		Version: 1.2
ZXC03		

IATA : International Air Transport Association.

IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO : International Civil Aviation Organization

ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"

IMDG : International Maritime Code for Dangerous Goods

ISO : International Organization for Standardization

logPow : octanol-water partition coefficient

LCxx : Lethal Concentration, for xx percent of test population

LDxx : Lethal Dose, for xx percent of test population.

ICxx : Inhibitory Concentration for xx of a substance

Ecxx : Effective Concentration of xx

N.O.S.: Not Otherwise Specified

OECD : Organization for Economic Co-operation and Development

OEL : Occupational Exposure Limit

P-Statement : Precautionary Statement

PBT : Persistent , Bioaccumulative and Toxic

PPE : Personal Protective Equipment

STEL : Short-term exposure limit

STOT : Specific Target Organ Toxicity

TLV : Threshold Limit Value

TWA : Time-weighted average

vPvB : Very Persistent and Very Bioaccumulative

WEL : Workplace Exposure Level

CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act

DOT : Department of Transportation

FIFRA : Federal Insecticide, Fungicide, and Rodenticide Act

HMIRC : Hazardous Materials Information Review Commission

HMIS : Hazardous Materials Identification System

NFPA : National Fire Protection Association

NIOSH : National Institute for Occupational Safety and Health

OSHA : Occupational Safety and Health Administration

PMRA : Health Canada Pest Management Regulatory Agency

RTK : Right to Know

WHMIS : Workplace Hazardous Materials Information System