



## Solve 9248

### Safety Data Sheet

Date Issued: 12/20/2017

Date Revised: 12/20/2017

#### 1. **PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Solve 9248  
**Company Identification:** WaterSolve, LLC  
5031 68th Street  
Caledonia, Michigan 49316, USA [www.gowatersolve.com](http://www.gowatersolve.com)

**For Product Information:** 616-575-8693  
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300  
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

#### Recommended use of the chemical and restrictions on use

**Use of Substance/Mixture:** Flocculating agent  
29 CFR 1910.1200 (OSHA HazCom 2012)

#### 2. **HAZARDS IDENTIFICATION**

##### GHS CLASSIFICATION

**Eye irritation:** Category 2A  
**Specific target organ systemic Toxicity – single exposure:** Category 3 (Central nervous system)

##### GHS LABEL ELEMENT



**Hazard pictograms:**

**Signal Word:** WARNING!

**Hazard Statements:** H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**Precautionary Statements:**

**PREVENTION:** P261 Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear eye protection/face protection/protective gloves.  
**RESPONSE:** P305+P351+P338 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P304+P340+P312 **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

**IF ON SKIN:** Wash with plenty of soap and water.

**If skin irritation occurs:** Call a POISON CENTER or doctor/physician if you feel unwell.

Get medical advice/attention.  
Take off contaminated clothing and wash before reuse.

**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:** Static Accumulating liquid

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

**Substance/Mixture:** Mixture  
**Chemical nature:** Static accumulator

#### **Hazardous or Regulated Components**

Chemical Name	CAS#	Classification	CONCENTRATION %
ALIPHATIC HYDROCARBON	Trade Secret	Flam. Liq. 4; H227 STOT SE 3; H336	>=20.00 - < 30.00
ALCOHOL ALKOXYLATES	Trade Secret	Acute Tox. 4; H302 Eye Dam. 1; H318	>= 1.50 - <3.00

Trade Secret Composition- Conceal the Identity + Concentration

### 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. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.

**In case of Eye Contact:** Immediately flush eyes with plenty of water. Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

**If swallowed:** Obtain medical attention. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to a drowsy or unconscious person. If possible, do not leave individual unattended. If symptoms persist, call a physician.

**In case of Skin Contact:** First aid is not normally required. Remove contaminated clothing and shoes without delay. However it is recommended that exposed areas be cleaned by washing with soap and water. Do not reuse contaminated clothing without laundering. Get medical attention if irritation develops or persists.

**If Inhalation:** Move to fresh air. If unconscious place in recovery position and seek medical advice. Consult a physician after significant exposure.

#### **Most important symptoms and effects, both acute and delayed:**

- Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material.
- This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 2 ó Swallowing) when deciding whether to induce vomiting.
- 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), lung irritation, drowsiness, confusion, irregular heartbeat, convulsions. Causes serious eye irritations. May cause drowsiness or dizziness.

**Notes to physician:** No hazards which require special first aid measures.

## 5. **FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, foam, carbon dioxide or 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, Hydrocarbons, Nitrogen oxides (NOx)

**Specific extinguishing methods:** Product is compatible with standard fire-fighting agents.

Keep containers cool by spraying with water if exposed to fire.

**Further information:** When product is wet it causes a danger for slipping. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**Special Protective Equipment for fire-fighters:**

In the event of fire, firefighters, and others exposed, wear self-contained breathing apparatus and protective suit. Wear full firefighting protective clothing. Use NIOSH/MSHA approved respiratory protection.

## 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. Material can create slippery conditions. Comply with all applicable federal, state, international and local regulations.

**Environmental precautions:**

Do not let product enter drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Do not flush into surface water or sanitary sewer system. Do not allow contact with soil, surface or ground water.

**Methods and materials for containment and cleaning up:**

Keep in suitable, closed containers, for disposal. Soak up with inert absorbent and non-combustible absorbent material, (e.g. sand, silica gel, acid binder, universal binder, sawdust).

**Other information:**

Comply with all applicable federal, state, international and local regulations.

## 7. **HANDLING AND STORAGE**

**Advice on protection against fire and explosion:** Normal measures for preventive fire protection.

**ADVICE ON SAFE HANDLING:**

Avoid formation of aerosol. Avoid dust formation. Provide sufficient air exchange and /or exhaust in work rooms. Do not breathe vapours/dust. Do not smoke. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and / or solid), all hazard precautions given in the data sheet must be observed. Avoid exposure-obtain special instructions before use. Avoid contact with skin and eyes. This material is slippery when wet. Do not eat, drink or smoke when using this product and in application area. For personal protection (see Section 8). Dispose of rinse water in accordance with local and state, international, federal and national regulations. Keep away from heat and sources of ignition. Handle in accordance with good industrial hygiene and safety practice.

**CONDITIONS FOR SAFE STORAGE:**

Keep container tightly closed in a dry and well-ventilated place. Keep away from food, drink and smoking. 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. Store in original container in a cool, dry ventilated area.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

COMPONENTS	CAS-No.	Value type (form of exposure)	Control parameters/permissible concentration	Basis
ALIPHATIC HYDROCARBON	Trade Secret	TWA (mist)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA	200 mg/m <sup>3</sup> (total hydrocarbon vapor)	ACGIH
		TWA (mist)	5 mg/m <sup>3</sup>	OSHA PO
		TWA (mist)	5 mg/m <sup>3</sup>	NIOSH REL
		ST (mist)	10 mg/m <sup>3</sup>	NIOSH REL

Trade Secret Composition-conceal identity + concentration

**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 apparent adverse effects. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Avoid contact with skin and eyes. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation.

**Personal protective equipment:****Respiratory protection:**

In case of vapor 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:**

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

**Eye protection**

Wear tightly fitting chemical splash safety goggles or face-shield if there is a potential for exposure of the eyes to liquid, vapor or mist. Ensure that eyewash stations and safety showers are close to the workstation location.

**Skin and body protection**

Wear as appropriate impervious clothing, safety shoes. Wear resistant gloves (consult your safety equipment supplier). Choose body protections according to the amount and concentration of the dangerous substances at the work place. Wear resistant gloves (consult your safety equipment supplier). Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.

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

**9. PHYSICAL AND CHEMICAL PROPERTIES****General Information**

<b>Physical state:</b>	liquid
<b>Appearance:</b>	viscous
<b>Color:</b>	White
<b>Odor:</b>	mild, hydrocarbon-like
<b>Odour threshold:</b>	No data available
<b>pH:</b>	(ca.) 3.7, Concentration: 10 g/l (20° C)
<b>Melting point/freezing point:</b>	<5 °F / -15°C
<b>Boiling Point boiling range:</b>	217°F/103°C
<b>Flash point:</b>	> 212°F/ >100°C Method : Cleveland open cup
<b>Evaporation Rate:</b>	<1

<b>Flammability (solid, gas):</b>	No data available
<b>Explosive properties:</b>	No data available
<b>Lower / upper limits:</b>	No data available
<b>Vapor Pressure:</b>	23.3 hPa (20°C ) Method: ASTM D 2879-86
<b>Relative vapor density:</b>	No data available
<b>Relative density:</b>	1.03 ó 1.04
<b>Density:</b>	Approximate 1.03 g/cm <sup>3</sup>
<b>Solubility in Water:</b>	Soluble
<b>Solubility in other solvents:</b>	No data available
<b>Partition coefficient (n-octanol/water):</b>	No data available
<b>Thermal decomposition:</b>	No data available
<b>Viscosity, dynamic</b>	(>) 7 mPa.s @ 40°C
<b>Viscosity, kinematic</b>	(>) 20.5 mm <sup>2</sup> /s @ 40°C
<b>Oxidizing properties:</b>	No data available

## 10. **STABILITY AND REACTIVITY**

<b>Reactivity:</b>	No decompositions if stored and applied as directed.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous reactions:</b>	Product will not undergo hazardous polymerization.
<b>Conditions to avoid:</b>	Heat, flames and sparks.
<b>Incompatible Materials:</b>	Strong oxidizers agents, strong reducing agents.
<b>Hazardous decomposition products:</b>	Carbon dioxide, carbon monoxide, hydrocarbons, nitrogen oxides

## 11. **TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure:** Inhalation, skin absorption, skin contact, eye contact, ingestion

**Acute toxicity:** Not classified based on available information.

**Product:**

**Acute oral toxicity:** Acute toxicity estimate: >5,000 mg/kg  
Method: Calculation method

**Components:**

**ALIPHATIC HYDROCARBON:**

**Acute oral Toxicity:** LD 50 Rat: > 5,000 mg/kg  
**Acute inhalation toxicity:** LD 50 Rat, male and female: > 5.28 mg/l  
Exposure time: 4 hr. Test atmosphere: vapor  
Method: OECD Test Guideline 403

Assessment: No adverse effect has been observed in acute inhalation toxicity tests.

**Acute dermal toxicity:** LD 50 Rabbit: > 2,000 mg/kg

Assessment: No adverse effect has been observed in acute dermal toxicity tests.

**ALCOHOLS ALKOXYLATES:**

**Acute oral toxicity:** LD 50 Rat: 1380 mg/kg

**Skin corrosion/irritation:** Not classified based on available information.

**Product:** Result: Possibly irritating to skin.  
Result: Repeated exposure may cause skin dryness or cracking.  
Remarks: May cause skin irritation in susceptible persons.

**Components:**

**ALIPHATIC HYDROCARBON:** Result: Mildly irritating to skin.  
**ALCOHOLS ALKOXYLATES:** Result: Not irritating to skin.

**Serious eye damage/eye irritation:** Causes serious eye irritation.  
**Product:** Remarks: Causes serious eye irritation. Vapors may cause irritation to the eyes, respiratory system and the skin.

**Components:**

**ALIPHATIC HYDROCARBON:** Mildly irritating to eyes.  
**ALCOHOLS ALKOXYLATES:** Risk of serious damage to eyes.

**Respiratory or skin sensitization:**

**Respiratory sensitization:** Not classified based on available information  
**Germ cell mutagenicity:** Not classified based on available information  
**Carcinogenicity:** Not classified based on available information

**Skin sensitization:**

Not classified based on available information  
Not classified based on available information  
Not classified based on available information  
Not classified based on available information

**Reproductive toxicity:** Not classified based on available information  
**STOT – single exposure:** May cause drowsiness or dizziness.

**Components:**

**ALIPHATIC HYDROCARBON:** Assessment: May cause drowsiness or dizziness.  
**STOT – repeated exposure:** Not classified based on available information  
**Aspiration toxicity:** Not classified based on available information

**Further information**

**Product:** Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Concentrations substantially above the TLV value may cause narcotic effects. Solvents may degrease the skin.

**IARC:** No component of this product presents 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 identified as carcinogen or potential carcinogen by OSHA.

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

## 12. **ECOLOGICAL INFORMATION**

### Ecotoxicity

#### Product:

**Toxicity to fish:** LC 50 fathead minnow (*Pimephales promelas*): 11 mg/l  
Exposure time: 96hr.

LC 50 fathead minnow (*Pimephales promelas*): 35.9 mg/l  
Exposure time: 96hr.

Remarks: Test conducted using environmentally representative water.

#### **Toxicity of daphnia and other**

**Aquatic invertebrates:** LC 50 Water flea (*Ceriodaphnia dubia*): 1.75 mg/l  
Exposure time: 48hr.

LC 50 Water flea (*Ceriodaphnia dubia*): 1.08 mg/l  
Exposure time: 48hr.

Remarks: Test conducted using environmentally representative water.

### Ecotoxicology Assessment

**Acute aquatic toxicity:** Acute aquatic toxicity Category 2; Toxic to aquatic life.

**Chronic aquatic toxicity:** Not classified based on available information.

#### Components:

##### **ALIPHATIC HYDROCARBON:**

### Ecotoxicology Assessment

**Acute aquatic toxicity:** No toxicity at the limit of solubility.

**Chronic aquatic toxicity:** No toxicity at the limit of solubility.

##### **ALCOHOL ALKOXYLATES:**

**Toxicity to fish:** LC50 Fish: > 1 ó 10 mg/l  
Exposure time: 96h Test Type: static test

**Toxicity of daphnia and other**  
**Aquatic invertebrates:** EC50 (Daphnia) Water flea: > 1 ó 10 mg/l  
Exposure time: 48h Test Type: static test

#### **Toxicity of daphnia and other Aquatic**

**Invertebrates (Chronic toxicity):** EC10 Daphnia water flea: 0.17mg/l  
Exposure time: 21 d

### Ecotoxicology Assessment:

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

### Persistence and degradability

#### Product:

**Biochemical Oxygen Demand (BOD):** Biochemical oxygen demand 383,000 mg/l

**Chemical Oxygen Demand (COD):** 1,930,000 mg/l Method: Chemical Oxygen demand

#### Components:

##### **ALCOHOL ALKOXYLATES:**

**Biodegradability:** Result: Readily biodegradable.

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

#### **Other adverse effects**

#### Product:

**Additional ecological information:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. **DISPOSAL CONSIDERATIONS**

**Disposal methods:**

**Waste from residues:** The product should not be allowed to enter drains, water courses or the soil. 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, international 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.

14. **TRANSPORT INFORMATION**

**International Transport Regulations  
REGULATION**

ID NUMBER	PROPER SHIPPING NAME	*Hazard Class	Subsidiary hazards	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
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**MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES**

UN 3082	Not dangerous goods	9		III	
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**INTERNATIONAL AIR TRANSPORT ASSOCIATION – PASSENGER**

UN 3082	Not dangerous goods	9		III	
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**INTERNATIONAL AIR TRANSPORT ASSOCIATION – CARGO**

UN 3082	Not dangerous goods	9		III	
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**INTERNATIONAL MARITIME DANGEROUS GOODS**

UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9		III	
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**TRANSPORT CANADA – RAIL**

UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9		III	
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**TRANSPORT CANADA-ROAD**

UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE,	9		III	MARINE POLLUTANT: (ALCOHOL ALKOXYLATES)
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**U. S. DOT – INLAND WATERWAYS**

UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9		III	
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**U. S. DOT – RAIL**

UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9		III	
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**U. S. DOT – ROAD**

UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9		III	
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**\*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Marine pollutant		yes
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Dangerous good 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.



15. **REGULATORY INFORMATION**

**EPCRA- Emergency Planning and Community Right-to-Know Act**

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

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

**SARA Hazard Classification**

**SARA 311/312 Hazards:** Serious eye damage or eye irritation.  
Specific target organ toxicity (single or repeated exposure)

**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:**

**TSCA:** On TSCA Inventory  
**DSL:** This product contains one or more components that are not on the Canadian DSL and have annual quantity limits.  
**AICS:** On the inventory, or in compliance with the inventory.  
**AUSTR:** On the inventory, or in compliance with the inventory.  
**ENCS:** On the inventory, or in compliance with the inventory.  
**KECI:** On the inventory, or in compliance with the inventory.  
**PHIL:** On the inventory, or in compliance with the inventory.  
**IECSC:** On the inventory, or in compliance with the inventory.  
**TCSI:** On the inventory, or in compliance with the inventory.

**TSCA List:**

No substances are subject to a Significant New Use Rule.

**Inventories:**

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

**Further information**

**Full text of H-Statements referred to under Sections 2 and 3.**

H227 Combustible liquid.  
H302 Harmful if swallowed.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.

**Full text of other abbreviations**

**Acute Tox.:** Acute toxicity  
**Eye Dam.:** Serious eye damage  
**Flam. Liq.:** Flammable liquids  
**STOT SE:** Specific target organ toxicity - single exposure  
**DATE ISSUED:** 12/20/2017 **DATE REVISED:** 12/20/2017

**OTHER INFORMATION**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. Recipients are advised to confirm in advance of need that the information

is current, applicable, and suitable to their circumstances. This information is for the specific material described only and may not be valid if the material is used in combination with any other materials or in any process. The user is responsible to determine the completeness of the information and suitability for the user's own particular use. The knowledge and belief of the company, the information is accurate and reliable as of the date indicated but the company makes no express or implied warranty of merchantability for the material or the information. The company makes no express or implied warranty of fitness for a purpose for the material or for the information. Users of any chemical should educate themselves on all aspects of its use by independent investigation of current scientific and medical knowledge that the material can be used safely. Both the supplier and manufacturer make no representations and assume no liability for any direct, incidental or consequential damages resulting from its use. Both the supplier and manufacturer make no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This information is for the specific material described only and may not be valid if the material is used in combination with any other materials or in any process. The user is responsible to determine the completeness of the information and suitability for the user's own particular use. Users of any chemical should educate themselves on all aspects of its use by independent investigation of current scientific and medical knowledge that the material can be used safely. The buyer assumes all responsibility for using and handling the product in accordance with applicable federal, state and local regulations.

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

ACGIH: American Conference of Industrial Hygienists

BEI: Biological Exposure Index

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

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

CMR: Carcinogenic, Mutagenic or Toxic for Reproduction

DOT: Department of Transportation

FG: Food grade

FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

H-statement: Hazard Statement

HMIRC: Hazardous Materials Information Review Commission

HMIS: Hazardous Materials Identification System

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

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

OECD: Organization for Economic Co-operation and Development

OEL: Occupational Exposure Limit

OSHA: Occupational Safety and Health Administration

P-Statement: Precautionary Statement

PBT: Persistent, Bioaccumulative and Toxic

PMRA: Health Canada Pest Management Regulatory Agency

PPE: Personal Protective Equipment

RTK: Right to Know

STEL: Short-term exposure limit

SDS Safety Data Sheet

STOT: Specific Target Organ Toxicity

TLV: Threshold Limit Value

TWA: Time-weighted average

VPVB: Very Persistent and Very Bioaccumulative

WEL: Workplace Exposure Level

WHMIS: Workplace Hazardous Materials Information System

(WAF): water-accommodated fraction