Solve 9325

Safety Data Sheet

Date Issued: 05/23/2015
Date Revised: 05/23/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: **Solve 9325**
Company Identification: WaterSolve, LLC
5031 68th Street
Caledonia, Michigan 49316, USA 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

29 CFR 1910. 1200 (OSHA HazCom 2012)

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION
Skin irritation: **Category 2**
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: **Causes skin irritation.**
Causes serious eye irritation.
May cause drowsiness or dizziness.

Precautionary Statements:
PREVENTION: Avoid breathing dust/fume/gas/mist/vapors/spray
Wear eye protection /face protection.
Wash skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear Protective gloves.

RESPONSE:
IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
STORAGE: Store in a well-ventilated place. Keep container tightly closed.
Store locked up**.**
DISPOSAL: 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
Chemical nature: Defatter

Hazardous Components

Chemical Name	CAS#	Classification	CONCENTRATION %
ALIPHATIC HYDROCARBON	254504001-5164	Flam. Liq. 4; H227 Skin Irrit. 2; H315 STOT SE 3; H336	>=20.00 - <30.00
ALKOXYLATED ALCOHOL	254504001-6264	Skin Irrit. 2; H315 Eye damage: 1; H318	>=1.50 - < 5.00
ALKANOL POLYALKOXYLATE	254504001-5531	Acute tox. 4; H302 Eye Irrit. 2A; H319	>= 1.00 - < 1.50

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.

If swallowed: Seek 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: Remove contaminated clothing and shoes without delay. It is recommended that exposed areas be cleaned by washing with soap and water. Do not reuse contaminated clothing without laundering. If irritation develops, get medical attention.

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 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 – 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 skin irritations. Causes serious eye irritation. 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), toxic fumes
Specific extinguishing methods: Product is compatible with standard fire-fighting agents.
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:
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.
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 and local regulations.

7. HANDLING AND STORAGE

ADVICE ON SAFE HANDLING:
Avoid formation of aerosol. Provide sufficient air exchange and /or exhaust in work rooms. Do not breathe vapours/dust. Do not smoke. Avoid exposure-obtain special instructions before use. Avoid contact with skin and eyes. 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. This material is slippery when wet. Do not eat, drink or smoke when using this product. For personal protection (see Section 8). Dispose of rinse water in accordance with local and state 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 and drink. 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	254504001-5164	TWL	200 mg/m³ Non-aerosol (as total hydrocarbon vapor)	ACGIH
		REL	100 mg/m³	NIOSH/GUIDE

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 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:
Impervious gloves. Replace gloves that show tears, pinholes or signs of wear. The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Eye protection
Wear tightly fitting splash-proof 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. Choose body protections according to the amount and concentration of the dangerous substances at the work place. Launder clothing before reuse. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves.
Hygiene measures: Wash hands before breaks and at the end of the workday. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical state:	liquid
Color:	white, milky
Odor:	mild, hydrocarbon-like
Odour threshold:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Boiling Point boiling range:	No data available
Flash point:	> 199.9°F/ >93.3°C
Evaporation Rate:	< 1
Flammability (liquids):	Static Accumulating liquid
Explosive properties upper:	No data available
Lower limits:	No data available

Vapor Pressure:	22.7 hPa (20ºC) Method: ASTM D 2879-86
Relative vapor density:	No data available
Relative density:	Approximate 1
Density:	Approximate 1.05 g/cm³
Solubility in Water:	No data available
Solubility in other solvents:	No data available
Partition coefficient (n-octanol/water):	No data available
Thermal decomposition:	No data available
Viscosity, dynamic	No data available
Viscosity, kinematic	No data available
Oxidizing properties:	No data available

10. STABILITY AND REACTIVITY

Reactivity:	No decompositions 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:	Protect from frost, heat, flames and sparks.
Incompatible Materials:	Acids, strong oxidizers agents, strong reducing agents, halogens.
Hazardous decomposition products:	Carbon dioxide, carbon monoxide, hydrocarbons

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.

Components:

ALIPHATIC HYDROCARBON:

Acute oral Toxicity: LD 50 Rat: > 5,000 mg/kg

Acute inhalation toxicity: LC 50 Rat, male and female: > 5.28 mg/l
Exposure time: 4 hr.
Test atmosphere: vapour
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.

ALKOXYLATED ALCOHOL:

Acute oral toxicity: LD 50 Rat: 2,000 mg/kg
Method: OECD Test Guideline 401

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

Acute inhalation toxicity: LC 50 Rat, male and female: 1.6 mg/l
Exposure time: 4 hr.
Test atmosphere: dust/mist
Method: OECD Test Guideline 403

Assessment: Not classified as acutely toxic by inhalation under GHS.

Acute dermal toxicity: LD 50 Rabbit, male and female: 2,000 mg/kg
Exposure time: 4 hr.
Method: OECD Test Guideline 402

Assessment: Not classified as acutely toxic by dermal absorption under GHS.

ALKANOL POLYALKOXYLATE:

Acute oral Toxicity: LD 50 Rat: 1,940 mg/kg

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

Skin corrosion/irritation: Causes skin irritation.
Product:
Remarks: May cause skin irritation and/or dermatitis.
Result: Repeated exposure may cause skin dryness or cracking.

Components:
ALIPHATIC HYDROCARBON: Result: Irritating to skin.
ALKOXYLATED ALCOHOL: Result: Irritating to skin.
ALKANOL POLYALKOXYLATE: Result: Not irritating to skin.
Serious eye damage/eye irritation: Causes serious eye irritation.

Product:
Remarks: Vapors may cause irritation to the eyes, respiratory system and the skin. Causes serious eye irritation.
Components:
ALIPHATIC HYDROCARBON: Result: Mildly irritating to eyes.
ALCOHOL ALKOXYLATES: Result: Corrosive to eyes.
ALKANOL POLYALKOXYLATE: Result: Irritating to eyes.

Respiratory or skin sensitization:
Skin sensitization: Not classified based on available information.
Respiratory sensitization: Not classified based on available information.
Germ cell mutagenicity: Not classified based on available information.
Carcinogenicity: 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 – single exposure: Not classified based on available information.
Aspiration toxicity: Not classified based on available information.
Product: May be fatal if swallowed and enters airways.

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.
Carcinogenicity:
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 presents 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)* 16.53 mg/l
Exposure time: 96hr. Test Method: static test
Remarks: Based on similar product.

LC50 Golden orfe (Leuciscus idus) ca. 175mg/l
Exposure time: 96hr.
Test Method: OECD Test Guideline 203
Remarks: Information given is based on data on the components and the ecotoxicology of similar products.

Toxicity of daphnia and other Aquatic invertebrates: EC 50 Water flea (*Daphnia magna*): 4.55 mg/l
Exposure time: 48hr. Test Type: static test
Remarks: Based on similar product.

Components:

ALIPHATIC HYDROCARBON

Toxicity to fish: LC 50 Rainbow trout (*Oncorhynchus mykiss)* 2 - 5 mg/l
Exposure time: 96hr. Test type: semi-static test
Test substance: WAF Method: OECD Test Guideline 203

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

Toxicity of daphnia and other Aquatic invertebrates:
EL50 Water flea (*Daphnia magna*): 1.4 mg/l
Exposure time: 48hr Test Type: static test
Test substance: WAF Method: OECD Test Guideline 202

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

Toxicity to algae: EL50 green algae (*Pseudokirchneriella subcapitata):* > 1- 3 mg/l
Exposure time: 72hr Test Type: static test
Test substance: WAF Method: OECD Test Guideline 201

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

Toxicity of daphnia and other Aquatic invertebrates (Chronic toxicity) :
NOEL Water flea (*Daphnia magna*): 0.48 mg/l
Exposure time: 21 d Test Method: semi-static test
Test substance: WAF Method: OECD Test Guideline 211

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

ALCOHOL ALKOXYLATES:

Toxicity to fish: LC50 Zebra Fish (Danio rerio) : 0.876 mg/l
Exposure time: 96h Test type: semi-static test
Method: Directive 67/548/EEC, Annex V, C.1.

Toxicity of daphnia and other Aquatic invertebrates: EC50 Water flea (*daphnia magna)*: 2.7 mg/l
Exposure time: 48h Test type: static test

Toxicity to algae: EC50 Green algae (Pseudokirchneriella subcapitata: 0.41 mg/l
End Point: Growth inhibition Exposure time: 72h
Test type: static test Method: OECD Test Guideline 201

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

Toxicity of daphnia and other Aquatic invertebrates (Chronic Toxicity): NOEC water flea (Daphnia magna): 0.77 mg/l
Exposure time: 21d End Point: Reproduction Test
Test Type: flow-through test

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

ALKANOL POLYALKOXYLATE:

Toxicity to fish: LC50 zebra fish (Danio rerio): 1-10mg/l
Exposure time: 96h

Toxicity of daphnia and other Aquatic invertebrates: EC50 water flea (Daphnia magna): 5-10 mg/l
Exposure time: 48h

Toxicity to bacteria: EC50: > 1,000 mg/l

Persistence and degradability
Components:
ALIPHATIC HYDROCARBON:
Biodegradability: Result: Inherently biodegradable
Biodegradation: 58.6% Exposure time: 28 d
Method: OECD Test Guideline 301F

ALKOXYLATED ALCOHOL:
Biodegradability: **Result:** readily biodegradable
Biodegradation: 95 % Exposure time: 28 d
Method: OECD Test Guideline 301F

ALKANOL POLYALKOXYLATE:
Biodegradation: 50-70% Exposure time: 28 d
Chemical Oxygen Demand (COD): 2,170 mg/g
Dissolved Organic carbo (DOC): 540 mg/g

Bioaccumulative potential
Components: No data available
Mobility in soil
Components: No data available
Other adverse effects: No data available
Components: No data available

Product:
Additional ecological information: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

Components:

13. DISPOSAL CONSIDERATIONS

Disposal methods:
General Advice: 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 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

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT /LTD. QTY.
U.S. DOT -ROAD					Not dangerous goods
U.S. DOT - RAIL					Not dangerous goods
U.S. DOT – INLAND WATERWAYS					Not dangerous goods
TRANSPORT CANADA - ROAD					Not dangerous goods
TRANSPORT CANADA - RAIL					Not dangerous goods
TRANSPORT CANADA – INLAND WATERWAYS					Not dangerous goods
INTERNATIONAL MARITIME DANGEROUS GOODS					Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOC. - CARGO	Not dangerous goods
INTERNATIONAL AIR TRANSPORT ASSOC. - PASSENGER	Not dangerous goods
MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES	Not dangerous goods

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

Marine pollutant		yes

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

15. REGULATORY INFORMATION

SARA 311/312
Acute health hazard

SARA 313 Components
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:	All components of this product are on the Canadian DSL.
AUSTR:	On the inventory, or in compliance with the inventory.
NZIOC:	Not in compliance with the inventory.
ENCS:	On the inventory, or in compliance with the inventory.
KECL:	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.

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

Registration: Trade Secret

Chemical Name	**IDENTIFICATION NUMBER**
ALIPHATIC HYDROCARBON	254504001-5164
ALKANOL POLYALKOXYLATE	254504001-5531
ALKOXYLATED ALCOHOL	254504001-6264

16. OTHER INFORMATION

HMIS / NFPA	HEALTH	FLAMMABILITY	Instability/physical hazard	other
	2	1	0	No data

NFPA Flammable and Combustible Liquids Classification
Combustible Liquid Class lllB

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

H-227	Combustible liquid.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

DATE ISSUED: 05/23/2015
DATE REVISED: 05/23/2015 **Revision number: 1.2**

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 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