



Solve 7G-60

Safety Data Sheet

Date Issued: 12/03/2018

Date Revised: 12/03/2018

I. PRODUCT IDENTIFICATION

Product Name: **Solve 7G-60**

Product form: Mixture

Company: **WaterSolve LLC, 5031 68TH Street, Caledonia, Michigan 49316 USA**

For product information call 616 575-8693 or visit www.gowatersolve.com

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)

Intended Use of the Product

Municipal and industrial water and wastewater treatment for the removal of turbidity, color, suspended solids and phosphorus. Sludge conditioning, compaction and volume reduction. Oily wastewater clarification and dissolved air flotation. Emulsion breaking.

II. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification

Met. Corr. 1 H290

Acute Tox. 4 (Oral) H302

Skin Corr. 1A H314

Eye dam. 1 H318

Carc. 1A H350

Full text of hazard classes and H-phrases: see Section 16

GHS-Labeling

Hazard pictograms:



GH507

GH505

GH508

Signal word:

DANGER

Hazard statements:

H290 May be corrosive to metals.
H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H350 May cause cancer (inhalation)

Precautionary statements:

P234 Keep only in original container.
P260 Do not breathe spray, mist, vapors.



P264	Wash hands, forearms and any exposed skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER, or doctor if you feel unwell.
P301+P330+P331	IF SWALLOWED: rinse mouth. DO NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor.
P321	Specific treatment (see Section 4 on this SDS).
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.
P405	Store locked up.
P406	Store in corrosive resistant container with a resistant inner liner.
P501	Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Other hazards

May produce explosive hydrogen gas on contact with incompatibilities or upon thermal decomposition.

Unknown Acute Toxicity

No data available.

III. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Product identifier	% (w/w)	Classification (GHS-US)
Water	CAS No 7732-18-5	25-64	Not classified
Sulfuric acid, iron (3+) salt (3:2) *	CAS No 10028-22-5	45-70	H290 Met. Corr. 1 H302 Acute Tox. 4 (Oral) H315 Skin Irrit. 2 H318 eye Dam. 1
Sulfuric acid **	CAS No 7664-93-9	1 – 5	H314 Skin Corr. 1A H318 Eye Dam. 1 H350 Carc. 1A H402 Aquatic Acute 3

Full text of H-phrases: See Section 16

The actual concentration of the ingredient(s) is withheld as a trade secret in accordance with Regulations Amending the Hazardous Product Regulations (HPR) SOR/2018-68 and 29 CFR 1910.1200

*As Fe₂(SO₄)₃ 9H₂O (Dry Ferric Sulfate)

** Strong inorganic acid aerosols/mists containing this substance are carcinogenic to humans via inhalation. Under normal conditions of use this route of exposure is not expected.



IV. **FIRST AID MEASURES**

Description of first aid measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Eye Contact: Rinse cautiously with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Skin Contact: Remove contaminated clothing. Immediately flush skin with plenty of water for at least 30 minutes. Wash contaminated clothing before reuse. Get immediate medical advice/attention

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

Most important symptoms and effects, both acute and delayed.

General: Harmful if swallowed. Causes severe skin burns and eye damage. May be corrosive to the respiratory tract.

Inhalation: May be corrosive to the respiratory tract.

Skin contact: Causes severe irritation which will progress to chemical burns.

Eye contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: None expected under normal conditions of use.

Indication of Any immediate medical attention and special treatment needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

V. **FIRE-FIGHTING MEASURES**

Extinguishing Media

Suitable extinguishing media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special hazards arising from the substance or mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Contact with metallic substances may release flammable hydrogen gas.

Reactivity: May be corrosive to metals. Contact with metals may evolve flammable hydrogen gas. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting instructions: Use water spray or fog for cooling exposed containers.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion products: Sulfur oxides. Corrosive vapors.

Other information: Do not allow run-off from fire fighting to enter drains or water courses.

Reference to Other Sections

Refer to Section 9 for flammability properties.



VI. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

General measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

For non emergency personnel:

Protective equipment: Use appropriate personal protection equipment (PPE).

Emergency procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

Environmental Precautions:

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

Methods and materials for containment and cleaning up:

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

Methods for clean up: Clean up spills immediately and dispose of waste safely. Cautiously neutralize spilled liquid. Absorb spillage to prevent material damage. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections

See Section 8 for exposure controls and personal protection and section 13 for disposal considerations.

VII. HANDLING AND STORAGE

Precautions for Safe Handling

Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Handle empty containers with care because they may still present a hazard. Do not get in eyes, on skin, or on clothing. Do not breathe mist, spray, vapors.

Additional Hazards when Process: May be corrosive to metals. May release corrosive vapors.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage including any incompatibilities

Technical measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from extremely high or low temperatures and incompatible materials. Store in original container or corrosive resistant and/or lined container.

Incompatible materials: Strong bases, strong oxidizers, strong acids, metals. Alkalis.

Specific end use: Municipal and industrial water and wastewater treatment for the removal of turbidity, color, suspended solids and phosphorus. Sludge conditioning, compaction and volume reduction. Oily wastewater clarification and dissolved air flotation. Emulsion breaking.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.



Sulfuric acid (7664-93-9)		
Mexico	OEL TWA (mg/m ³)	1 mg/m ³
USA ACGIH	ACGIH TWA (mg/m ³)	0.2 mg/m ³ (thoracic particulate matter)
USA ACGIH	ACGIH chemical category	Suspected Human Carcinogen contained in strong inorganic acid mists
USA OSHA	OSHA PEL (TWA) (mg/m ³)	1 mg/m ³
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	1 mg/m ³
USE IDLH	US IDLH (mg/m ³)	15 mg/m ³
Alberta	OEL STEL (mg/m ³)	3 mg/m ³
Alberta	OEL TWA (mg/m ³)	1 mg/m ³
British Columbia	OEL TWA (mg/m ³)	0.2 mg/m ³ (Thoracic, contained in strong inorganic acid mists)
Manitoba	OEL TWA (mg/m ³)	0.2 mg/m ³ (thoracic particulate matter)
New Brunswick	OEL STEL (mg/m ³)	3 mg/m ³
New Brunswick	OEL TWA (mg/m ³)	1 mg/m ³
Newfoundland & Labrador	OEL TWA (mg/m ³)	0.2 mg/m ³ (thoracic particulate matter)
Nova Scotia	OEL TWA (mg/m ³)	0.2 mg/m ³ (thoracic particulate matter)
Nunavut	OEL STEL (mg/m ³)	0.6 mg/m ³ (thoracic fraction)
Nunavut	OEL TWA (mg/m ³)	0.2 mg/m ³ (thoracic fraction)
Northwest Territories	OEL STEL (mg/m ³)	0.6 mg/m ³ (thoracic fraction, strong acid mists only)
Northwest Territories	OEL TWA (mg/m ³)	0.2 mg/m ³ (thoracic fraction, strong acid mists only)
Ontario	OEL TWA (mg/m ³)	0.2 mg/m ³ (thoracic)
Prince Edward Island	OEL TWA (mg/m ³)	0.2 mg/m ³ (thoracic particulate matter)
Quebec	VECD (mg/m ³)	3 mg/m ³
Quebec	VEMP (mg/m ³)	1 mg/m ³
Saskatchewan	OEL STEL (mg/m ³)	0.6 mg/m ³ (thoracic fraction)
Saskatchewan	OEL TWA (mg/m ³)	0.2 mg/m ³ (thoracic fraction)
Yukon	OEL STEL (mg/m ³)	1 mg/m ³
Yukon	OEL TWA (mg/m ³)	1 mg/m ³

Exposure Controls

Appropriate engineering controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal protective equipment

Gloves. Protective clothing. Protective goggles. Face shield. Insufficient ventilation: wear respiratory protections.



Materials for protective clothing: Acid resistant clothing.



Respiratory protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Hand protection: Wear protective gloves.

Skin and body protection: Wear suitable protective clothing.

Eye protection: Chemical safety goggles and face shield.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Other information: When using, do not eat, drink or smoke.

IV. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state/color/ Odor:	Liquid
Appearance:	Reddish brown
Odor:	Not available
Odor Threshold:	Not available
pH:	< 1
Evaporation rate:	Not available
Melting point:	< -18 °C (< -0.4 °F)
Freezing point:	Not available
Boiling Point:	Not available
Flash point:	Not applicable
Auto ignition temperature:	Not applicable
Decomposition temperature:	Not available
Flammability (solid, gas):	Not flammable
Lower flammable limit:	Not applicable
Upper flammable limit:	Not applicable
Vapor pressure:	Not available
Relative vapor density at 20°C:	Not available
Relative Density:	Not available
Specific gravity:	1.24-1.62
Solubility:	100%
Partition coefficient (n-octanol/water):	Not available
Viscosity:	Not available
VOC Content:	< 1%

X. STABILITY AND REACTIVITY

Reactivity: May be corrosive to metals. Contact with metals may evolve flammable hydrogen gas. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

Chemical stability: Stable under recommended handling and storage conditions (see section 7).

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Extremely high or low temperatures and incompatible materials.

Incompatible materials: Strong bases, strong oxidizers, metals, alkalis and strong acids.

Hazardous decomposition products: Thermal decomposition generates: Corrosive vapors. Sulfur oxides.

XI. TOXICOLOGICAL INFORMATION



Information on toxicological effects-Product

Acute toxicity (oral): Oral: Harmful if swallowed.

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

LD50 and LC50 Data

Ferric Sulfate 55%	
ATE (oral)	802.10 mg/kg body weight

Skin corrosion/irritation: Causes severe skin burns and eye damage.

pH: <1

Eye damage/eye irritation: Causes serious eye damage.

pH <1

Respiratory or skin sensitization: Not classified.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Specific Target organ toxicity (repeated exposure): Not classified.

Reproductive toxicity: Not classified.

Specific target organ toxicity (single exposure): Not classified.

Aspiration Hazard: Not classified.

Symptoms/effects after inhalation: May be corrosive to respiratory tract.

Symptoms/effects after skin contact: Causes severe irritation which will progress to chemical burns.

Symptoms/effects after eye contact: Causes permanent damage to the cornea, iris, and conjunctiva.

Symptoms/effects after ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: None expected under normal conditions of use.

Information of Toxicological effects-ingredient(s)

LD50 AND LC50 data:

Sulfuric acid, iron (3+) salt (3:2) (10028-22-5)

LD50 Oral Rat	500-2000 mg/kg
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Sulfuric acid (7664-93-9)

LD50 Oral Rat	2140 mg/kg
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Water (7732-18-5)

LD50 Oral rat	>90000mg/kg
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Sulfuric acid (7664-93-9)

IARC Group	1
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list

XI. ECOLOGICAL INFORMATION

Toxicity: No additional information available.

Sulfuric acid (7664-93-9)

LC50 Fish 1	500 mg/l (Exposure time: 96 h – Species: Brachydanio rerio (static))
LC50 Fish 2	42 mg/l (Exposure time: 96 h - Species: Gambusia affinis (static))

Persistence and degradability:

Ferric Sulfate 60%

Persistence and Degradability	May cause long-term adverse effects in the environment.
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**Bioaccumulative potential
Ferric Sulfate 60%**

Bioaccumulative Potential	Not established.
Sulfuric acid (7664-93-9)	
BCF Fish 1	(no bioaccumulation)

Mobility in soil: Not available

Other adverse effects

Other information: Avoid release to the environment.





13. DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology – Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

14. TRANSPORT INFORMATION

TRANSPORTATION CLASSIFICATION	DOT	TDG	IMDG	IATA
Identification Number	UN3264	UN3264	UN3264	UN3264
Proper Shipping Name	Corrosive Liquid, Acidic, Inorganic, N.O.S., (Contains Ferric Sulfate, Sulfuric Acid)	Corrosive Liquid, Acidic, Inorganic, N.O.S., (Contains Ferric Sulfate, Sulfuric Acid)	Corrosive Liquid, Acidic, Inorganic, N.O.S., (Contains Ferric Sulfate, Sulfuric Acid)	Corrosive Liquid, Acidic, Inorganic, N.O.S., (Contains Ferric Sulfate, Sulfuric Acid)
Transport Hazard Class(es)	8	8	8	8
				
Packing Group	II	II	II	II
Environmental Hazards	Marine Pollutant: No	Marine Pollutant: No	Marine Pollutant: No	Marine Pollutant: N/A
Emergency Response	ERG Number: 154	ERAP Index: Not applicable	EMS: F-A, S-B	ERG code (IATA): 8L
Additional Information	Not applicable	Not applicable	Not applicable	Not applicable

15. REGULATORY INFORMATION

US Federal Regulations

Chemical Name (CAS No.)	CERCLA RQ	EPCRA 304 RQ	SARA 302 TPQ	SARA 313
Sulfuric acid, iron (3+) salt (3:2) (10028-22-5)	1000 lb	Not applicable	Not applicable	No



Sulfuric acid (7664-93-9)	1000 lb	1000 lb	1000 lb	Yes
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SARA 311/312

Ferric sulfate 50%
Immediate (acute) health hazard

US TSCA Flags Not present

US STATE REGULATIONS

California Proposition 65

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Sulfuric acid, iron (3+) salt (3:2) (10028-22-5)	No	No	No	No
Sulfuric acid (7664-93-9)	Yes	No	No	No

State Right-to-Know Lists

Sulfuric acid, iron (3+) salt (3:2) (10028-22-5)

- U.S.- Massachusetts-Right to Know List - Yes
- U.S.- New Jersey-Right to Know Hazardous Substance List - Yes
- U.S.- Pennsylvania-RTK (Right to Know)-Environmental Hazard List - Yes
- U.S.- Pennsylvania-RTK (Right to Know)-Special Hazardous Substances – No
- U.S.- Pennsylvania-RTK (Right to Know) List - Yes

Sulfuric acid (7664-93-9)

- U.S.- Massachusetts-Right to Know List - Yes
- U.S.- New Jersey-Right to Know Hazardous Substance List – Yes
- U.S.- Pennsylvania-RTK (Right to Know)-Environmental Hazard List - Yes
- U.S.- Pennsylvania-RTK (Right to Know)-Special Hazardous Substances – No
- U.S.- Pennsylvania-RTK (Right to Know) List - Yes

Canadian Regulations

Sulfuric acid, iron (3+) salt (3:2) (10028-22-5)

- Listed on the Canadian DSL (Domestic Substances List)
- Not listed on the Canadian NDSL (Non-Domestic Substances List)

Sulfuric acid (7664-93-9)

- Listed on the Canadian DSL (Domestic Substances List)
- Not listed on the Canadian NDSL (Non-Domestic Substances List)

International Inventories/Lists

Chemical Name (CAS No.)	Australia AICS	Turkey CICR	Korea ECL	EU EINECS	EU ELINCS	EU SVHC	EU NLP	Mexico INSQ
Sulfuric acid, iron (3+) salt (3:2) (10028-22-5)	Yes	No	Yes	Yes	No	No	No	Yes



Sulfuric acid (7664-93-9)	Yes	No	Yes	Yes	No	No	No	No
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Chemical Name (CAS No.)	China IECSC	Japan ENCS	Japan ISHL	Japan PDSCL	JAPAN PRTR	Philippines PICCS	New Zealand NZIOC	US TSCA
Sulfuric acid, iron (3+) salt (3:2) (10028-22-5)	Yes	Yes	No	No	No	Yes	Yes	Yes
Sulfuric acid (7664-93-9)	Yes	Yes	No	Yes	No	Yes	Yes	Yes

16. OTHER INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR).

GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 3	Hazardous to the aquatic environment-Acute Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Met. Corr. 1	Corrosive to metals Category 1
Carc. 1A	Carcinogenicity Category 1A
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Irrit. 2	Skin corrosion/irritation Category 2
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H350	May cause cancer
H402	Harmful to aquatic life

NFPA 704

NFPA Health Hazard	3
NFPA Fire Hazard	0
NFPA Reactivity Hazard	0

HMIS Rating

Health	3
Flammability	0
Physical	2
PPE	See section 8



OTHER INFORMATION

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.

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*