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SAFETY DATA SHEET **BTI-067** Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 3/14/2017 SDS Revision: 2.0 1. PRODUCT & COMPANY IDENTIFICATION 11 Product Name **MICROLOK MZN** 1.2 Chemical Name: Acid Mixture 1.3 Synonyms 89051, 89058 1.4 Trade Names: Microlok MZN Product Use: 1.5 Zinc Phosphate Solution for Iron & Steel Distributor's Name: 1.6 Birchwood Laboratories LLC 7900 Fuller Road, Eden Prairie, MN 55344 USA Distributor's Address: 1.7 18 Emergency Phone: ChemTrec +1 (800) 424-9300 / +1 (703) 527-3887 or Poison Control Center +1 (855) 281-1742 1.9 Business Phone / Fax: +1 (952) 937-7900 / +1 (952) 937-7979 2. HAZARDS IDENTIFICATION 2.1 Hazard Identification: This product is classified as a hazardous substance and as dangerous goods according to the classification criteria of [NOHSC: 1088 (2004)] and ADG Code (Australia). DANGER! MAY INTENSIFY FIRE; OXIDIZER. HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. Classification: Ox. Liq. 2; Acute Tox.-Oral 4; Skin Irrit. 2; Aquatic Chronic 1 Label Elements: 2.2 Hazard Statements (H): H272 - May intensify fire; Oxidizer. H302 - Harmful if swallowed. H315 -Causes skin irritation. H410 - Very toxic to aquatic life with long lasting effects. Precautionary Statements (P): P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P220 - Keep/Store away from clothing/ combustible materials. P264 - Wash with soap and water thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment.P280 - Wear protective gloves/ protective clothing/ eye protection/ face P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or protection. doctor/physician. P330 - Rinse mouth. P302+P352 - IF ON SKIN: Wash with plenty of water. P332+P313 - If skin irritation occurs: Get medical advice/attention. . P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P362+P364 - Take off contaminated clothing and was it before reuse. P370+P378 - In case of fire: Use fire-extinguishing media appropriate for surrounding materials. P391 - Collect Spillage. P501 - Dispose of contents/ container to an approved waste disposal plant. Other Warnings: 2.3 In the event of an exposure or medical inquiry involving this product, please contact a physician or local poison control center, who may seek advice from the U.S. manufacturer, and show them this SDS. Keep out of reach of children. 3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) **ACGIH** NOHSC **OSHA** ppm ppm ppm ES-STEL ES-ES-CHEMICAL NAME(S) STEL PEL STEL RTECS No EINECS No. TLV PEAK IDLH OTHER CAS No TWA 7732-18-5 ZC0110000 231-791-2 28.0 NA NA NF NF NF NA NA NA WATER 7779-90-0 NA 231-944-3 < 25.0 NA NA NF NF NF NA NA NA ZINC PHOSPHATE Aquatic Acute 1; Aquatic Chronic 1; H400, H410 7664-38-2 TB6300000 231-633-2 < 25.0 (1) (3) NF NF NF NA NA 1000 PHOSPHORIC ACID Metal Corrosion 1; Skin Corrosion1B; H290, H314 QU5775000 231-714-2 < 10.0 2 4 2 5.2 NF 2 NA 25 7697-37-2 NITRIC ACID Oxidizing Liquid 3; Skin Corrosion 1A; H272, H314 BR9050000 229-347-8 NA NA NF NF NF NA NA NA 6484-52-2 < 6.0 AMMONIUM NITRATE Ox. Liq. 3; Eye Irrit.2; H272, H319 7779-88-6 ZH4775000 231-943-8 < 6.0 NA NA NF NF NF NA NA NA ZINC NITRATE Ox. Sol. 2; Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1; Aquatic Acute1; Aquatic Chronic 1; H272, H302, H315, H318, H400, H410 4. FIRST AID MEASURES Ingestion: DO NOT INDUCE VOMITING. Contact SafetyCall +1 (855) 281-1742 or the nearest Poison Control Center 4.1 First Aid: or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration. If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, Eyes: holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately. Remove contaminated clothing and wash affected areas with soap and water. If discomfort persists and/or Skin: the skin reaction worsens, contact a physician immediately. Do not wear contaminated clothing until after it

Inhalation: Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform artificial respiration.

has been properly cleaned.

Seek immediate medical attention.



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 3/14/2017 SDS Revision: 2.0 4. FIRST AID MEASURES - cont'd 4.2 Effects of Exposure: Severe or permanent eye damage. Eyes: Skin: Burns upon direct contact. Severe burns of mouth, throat, stomach. Ingestion: Inhalation: Severe irritation or burns in respiratory tract and mucous membranes. Possible lung damage. 4.3 Symptoms of Overexposure: Eyes: Redness, burning, irritation, and swelling around eyes Redness, burning, itching, rash, blistering of skin. Skin: Ingestion: Nausea, vomiting, severe abdominal pain. Coughing, wheezing, swelling of throat, irritation in mucous membranes, difficulty breathing. Inhalation: 4.4 Acute Health Effects: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. May be harmful if swallowed. Causes burns. May be harmful if absorbed through skin. 4.5 Chronic Health Effects: May damage the nervous system, kidney and/or liver. 4.6 Target Organs: Eyes, skin, nervous system, kidneys, liver, respiratory system, spleen, blood forming organs, bones. Medical Conditions Aggravated by Exposure: 4.7 Pre-existing dermatitis, other skin conditions, and disorders of the target **HEALTH** 3 organs (eyes, skin, and respiratory system) or impaired kidney function **FLAMMABILITY** 0 may be more susceptible to the effects of this substance. PHYSICAL HAZARDS 1 PROTECTIVE EQUIPMENT Н **EYES** SKIN LUNGS 5. FIREFIGHTING MEASURES 5 1 Fire & Explosion Hazards: Non-flammable. May react with metals to release hydrogen gas, which can form explosive mixtures with air. May intensity fire; oxidizer. 5.2 Extinguishing Methods: Use fire-extinguishing media appropriate for surrounding materials. 5.3 Firefighting Procedures: As with any fire, firefighters should wear appropriate protective equipment including a MSHA/NIOSH approved or equivalent self-contained breathing apparatus (SCBA) and protective clothing. Fight fires as for surrounding materials. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon, phosphorous, selenium and/or nitrogen, hydrocarbons and/or derivatives. Fire should be fought from a safe distance. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. 6. ACCIDENTAL RELEASE MEASURES Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective 6.1 Spills Equipment (PPE). Use safety glasses or safety goggles and face shield; use gloves and other protective clothing (e.g., apron, boots, etc.) to prevent skin contact. Small Spills: Wear appropriate protective equipment including gloves and protective eyewear. Use a non-combustible, inert material such as vermiculite or sand to soak up the product and place into a container for later disposal. Large Spills: Keep incompatible materials (e.g., organics such as oil) away from spill. Stay upwind and away from spill or release. Isolate immediate hazard area and keep unauthorized personnel out of area. Stop spill or release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant. Recover as much free liquid as possible and collect in acid-resistant container. Use absorbent to pick up residue. Avoid discharging liquid directly into a sewer or surface waters. 7. HANDLING & STORAGE INFORMATION 7.1 Work & Hygiene Practices: Avoid breathing mists or spray. Avoid eye and skin contact. Wear protective equipment when handling product. Keep out of the reach of children. Do not eat, drink or smoke when handling this product. Wash thoroughly after handling. Do not expose to heat and flame. Use only in ventilated areas. Keep out of the reach of children. Immediately clean-up and decontaminate any spills or residues. Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct 7.2 Storage & Handling: sunlight. Store in acid-resistant containers. Keep containers covered when not in use. Avoid temperatures above 40°C (120°F). Keep away from incompatible substances (see Section 10). Protect containers from physical damage. 7.3 Special Precautions Empty containers may retain hazardous product residues. Keep/Store away from clothing/ combustible materials. 8. EXPOSURE CONTROLS & PERSONAL PROTECTION ACGIH NOHSC OSHA OTHER 8.1 Exposure Limits: ppm (mg/m³) ES-CHEMICAL NAME(S) TLV STEL ES-TWA PEAK PEL STEL IDLH STEL PHOSPHORIC ACID (1) NF NF NA 1000 (3) NF NA 5.2 NF NA 82 Ventilation & Engineering Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the Controls: handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eyewash station).



Environmental Stability

Effects on Aquatic Life

Effects on Plants & Animals:

12.1 12.2

12.3

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BTI-067 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 3/14/2017 SDS Revision: 2.0 8. EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd Respiratory Protection: 8.3 In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia 8.4 Eve Protection: Safety glasses with side shields must be used when handling or using this product. A protective face shield is also recommended. 8.5 Hand Protection: Wear protective, chemical-resistant gloves (e.g., neoprene) when using or handling this product. Body Protection: 8.6 A chemical resistant apron and/or protective clothing are recommended when handling or using this product 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Appearance: Pale green liquid 92 Odor: Characteristic odor 9.3 Odor Threshold: NA 9.4 < 1.0 Melting Point/Freezing Point: 9.5 NA Initial Boiling Point/Boiling 9.6 > 100 °C (> 212 °F) Range: 9.7 Flashpoint: NA 9.8 Upper/Lower Flammability NΑ 9.9 Vapor Pressure: NA 9.10 Vapor Density $< 1.0 (air = \overline{1.0})$ 9.11 Relative Density: 1.59 9.12 Solubility: Complete (water) 9.13 Partition Coefficient (log Pow): NA 9.14 Autoignition Temperature NA Decomposition Temperature: 9.15 NA 9.16 Viscosity NA 9.17 Other Information: Evaporation Rate: < 1.0 (ethyl ether = 1.0) 10. STABILITY & REACTIVITY 10.1 Stability: Stable at normal temperatures. 10.2 Hazardous Decomposition Reaction with organics and strong reducing agents can produce organoselenides and hydrogen selenide. Thermal Products: decomposition may produce selenium, nitrogen, phosphoric and copper oxides 10.3 Hazardous Polymerization: Will not occur. Conditions to Avoid: 10.4 Excessive heat, shock, friction. 10.5 Incompatible Substances Cyanides, water-reactive substances, strong reducing agents, chlorinated cleaners or sanitizers, combustible organic materials, most metals. 11. TOXICOLOGICAL INFORMATION Absorption: YES Routes of Entry: 11.1 Ingestion: NO Toxicity Data: 11.2 Ammonium Nitrate: LD₅₀ (oral, rat) = 2217 mg/kg; Phosphoric Acid: LD₅₀ (oral, rat) = 1530 mg/kg 11.3 Acute Toxicity See Section 4.4 11.4 Chronic Toxicity: See Section 4.5 Suspected Carcinogen Components in this product are listed by IARC as Group 3 (Not classifiable as to its carcinogenicity to humans) 11.5 11.6 Reproductive Toxicity: This product is not reported to cause reproductive toxicity in humans. Mutagenicity: This product is not reported to produce mutagenic effects in humans. This product is not reported to produce embryotoxic effects in humans Embryotoxicity Teratogenicity: This product contains nickel sulfate, which is reported to cause teratogenic effects in humans Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Irritancy of Product: 11.7 See Section 4.2 Biological Exposure Indices 11.8 NE Physician Recommendations: 11.9 Treat symptomatically.

12. ECOLOGICAL INFORMATION

Very toxic to aquatic life with long lasting effects. Phosphoric Acid: EC₅₀ (Daphnia magna, 12h) = 4.6 mg/L

There are no specific data available for this product.

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rep	ared to USHA, ACC, ANSI	, NOHSC, WHMIS, GHS & 12/2/2008/EC Standards SDS Revision: 2.0 SDS Revision Date: 3/14/2017		
		13. DISPOSAL CONSIDERATIONS		
3.1	Review current local, state and federal laws, codes, statutes and regulations to determine current status and ap disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, s federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, stol disposal of hazardous waste must be provided by a licensed facility or waste hauler.			
3.2	Special Considerations:	U.S. EPA Hazardous Waste – Characteristic - Corrosive (D002), Characteristic - Toxic (D010)		
	'	S.E. El Whatelouse Waste Onditations (2002), Sharacteristic Toxic (2016)		
		14. TRANSPORTATION INFORMATION		
		per, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.		
14.1	49 CFR (GND):	UN3264, ĆORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID, NITRIC ACID), 8, III, LTD QTY (IP VOL ≤ 5.0 L)		
14.2	IATA (AIR):	UN3264, CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID, NITRIC ACID), 8, III, LTD QTY (IP VOL ≤ 0.5 L)		
14.3	IMDG (OCN):	UN3264, CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID, NITRIC ACID), 8, III, LTD QTY (IP VOL ≤ 5.0 L)		
14.4		UN3264, CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID, NITRIC ACID), 8, III, LTD QTY (IP VOL ≤ 5.0 L)		
14.5		UN3264, CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID, NITRIC ACID), 8, III, LTD QTY (IP VOL ≤ 5.0 L)		
4.6	SCT (MEXICO):	UN3264, LIQUIDOS, CORROSIVOS, ACIDO, INORGANICO, N.E.P. (ACIDO PHOSPHORIC, ACIDO NITRIC), 8, III, CANTIDAD LIMITADA (IP VOL ≤ 5.0 L)		
14.7	ADGR (AUS):	UN3264, CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID, NITRIC ACID), 8, III, LTD QTY (IP VOL ≤ 5.0 L)		
		15. REGULATORY INFORMATION		
15.1	SARA Reporting Requirements:	This product contains Nitric Acid and Phosphoric Acid, substances subject to SARA Title III, section 313 reporting requirements.		
15.2	SARA TPQ:	NA NA		
5.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.		
5.4	CERCLA Reportable Quantity:	Nitric Acid: 1,000 lbs (454 kg); Phosphoric Acid: 5,000 lbs (2,270 kg)		
5.5	Other Federal Requirements:	NA NA		
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS Class E (Corrosive Material). WHMIS Class D1 (Materials Causing Immediate and Serious Toxic Effects).		
15.7	State Regulatory Information:	Nitric Acid is found on the following state criteria lists: FL, MA, MN, NJ, PA, and WA. Phosphoric Acid is found on the following state criteria lists: FL, MA, MN, and PA. Ammonium Nitrate is found on the following state criteria list: FL, MA, NJ and PA No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the followin state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxi Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substance List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).		
	Other Requirements:	NA		



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		16. OTHER INFO	ORMATION	
16.1	Other Information:	DANGER! MAY INTENSIFY FIRE; OXIDIZER. HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. NOTICE TO AQUATIC LIFE WITH LONG LASTING EFFECTS. Obtain special instructions before use. Do not huntil all safety precautions have been read and understood. Causes severe burns to eyes and skin. Avoid exceed heat. Do not breathe dust/fumes. In case of contact with eyes, rinse immediately with plenty of water and seek meadvice. Wear suitable protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ig sources. No smoking. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN.		
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.		
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Othe government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Birchwood Technologies' knowledge, the information contained herein is reliable and accurate as of this date; however, accurace suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.		
16.4	Prepared for:	Birchwood Technologies 7900 Fuller Road Eden Prairie, MN 55344 USA Tel: +1 (952) 937-7900 Fax: +1 (952) 937-7979 http://www.birchwoodtechnologies.com	BIRCHWOOD® TECHNOLOGIES	
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	ShipMate* Dangerous Goods Training & Consulting	



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DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

EXPOSURE LIMITS IN AIR:

ACGIH	ACGIH American Conference on Governmental Industrial Hygienists	
IDLH Immediately Dangerous to Life and Health		
NOHSC	National Occupational Health and Safety Commission (Australia)	
OSHA U.S. Occupational Safety and Health Administration		
PEL Permissible Exposure Limit		
STEL Short Term Exposure Limit		
TLV Threshold Limit Value		
TWA	Time Weighted Average	

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

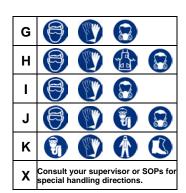
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard	
1	Slight Hazard	
2	Moderate Hazard	
3	Severe Hazard	
4	Extreme Hazard	



PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE STATE OF THE S	
D	(EL)	THE STATE OF THE S	
Ε			
F		THE SECOND	





OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic	
Irrit	Irritant	
NA	Not Available	
NR	No Results	
ND	Not Determined	
NE	Not Established	
NF	Not Found	
SCBA	SCBA Self-Contained Breathing Apparatus	
Sens	Sens Sensitization	
STOT RE	STOT RE Specific Target Organ Toxicity – Repeat Exposure	
STOT SE	Specific Target Organ Toxicity – Single Exposure	

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:		
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition	
LEL	L Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source	
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source	

HAZARD RATINGS:

0	Minimal Hazard	FLAMMABILITY
1	Slight Hazard	\
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ \ \ \ \ \
W	Use No Water	HEALTH
ох	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{Io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{Io} , LD _{Io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC _o , LC _{io} , & LC _o	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System	
DOT	OT U.S. Department of Transportation	
TC	Transport Canada	
EPA	U.S. Environmental Protection Agency	
DSL	Canadian Domestic Substance List	
NDSL	Canadian Non-Domestic Substance List	
PSL	Canadian Priority Substances List	
TSCA U.S. Toxic Substance Control Act		
EU	European Union (European Union Directive 67/548/EEC)	
WGK	Wassergefährdungsklassen (German Water Hazard Class)	

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	®		②	Θ	(%)		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

CLP/GHS (1272/2008/EC) PICTOGRAMS:

			\Diamond			\Leftrightarrow		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment