

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS &amp; 2001/58 EC Standards

MSDS Revision: 1.1

MSDS Revision Date: 01/01/2005

## 1. PRODUCT IDENTIFICATION

1.1	Product Name: <b>SWISS ARMOUR (CONCENTRATE)</b>
1.2	Chemical Name: <b>DISINFECTANT</b>
1.3	Synonyms: <b>NA</b>
1.4	Trade Names: <b>SD 014</b>
1.5	Product Use: <b>PROFESSIONAL USE ONLY</b>
1.6	Manufacturer's Name: <b>OPI PRODUCTS, INC.</b>
1.7	Manufacturer's Address: <b>13034 SATICOY STREET, NO. HOLLYWOOD, CA 91605 USA</b>
1.8	Emergency Phone: <b>CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300</b>
1.9	Business Phone: <b>+1 (818) 759-2400 / +1 (800) 341-9999</b>

## 2. HAZARD IDENTIFICATION

2.1	Hazard Identification: <b>Flammable liquid. This product is classified as a hazardous substance and as dangerous goods according to the classification criteria of NOHSC and ADG Code (Australia). Irritation to skin, eyes, and respiratory system with prolonged exposure. Can be harmful if swallowed or if spray mist is inhaled.</b>						
2.2	Routes of Entry:	Inhalation:	YES	Absorption:	YES	Ingestion:	YES
2.3	Effects of Exposure: <b>INGESTION: If product is swallowed, may cause nausea, headache, vomiting and/or diarrhea and central nervous system depression, drowsiness, irregular pulse, loss of consciousness. Harmful or fatal if swallowed.</b> <b>SKIN &amp; EYES: Irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering. May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.</b> <b>INHALATION: Lung irritation, and or burning sensation. Corrosive to lungs. Discontinue use immediately.</b>						
2.4	Symptoms of Overexposure: <b>Symptoms of overexposure include burning sensation, watering, or redness at the site of contact and drowsiness, irregular pulse, loss of consciousness. Harmful or fatal if swallowed.</b>						
2.5	Acute Health Effects: <b>Redness, irritation, or burning sensation at the site of contact. Causes serious eye and skin damage. Harmful if swallowed.</b>						
2.6	Chronic Health Effects: <b>None known.</b>						
2.7	Target Organs: <b>Eyes, skin, lungs.</b>						

## 3. COMPOSITION &amp; INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )					
					ACGIH - ppm		OSHA - ppm			OTHER
					TLV	STEL	PEL	STEL	IDLH	
ISOPROPANOL	67-63-0	NT8050000	200-661-7	NA	400	500	40	500	2000	
POTASSIUM o-BENZYL p-CHLOROPHENATE	120-32-1	GO7175000	207-293-6	≤ 10.0	NE	NE	NE	NE	NE	
O-PHENYLPHENOL	90-43-7	DV5775000	201-993-5	≤ 10.0	NE	NE	NE	NE	NE	
POTASSIUM p-t-AMYLPHENATE	80-46-6	SM6825000	201-280-9	≤ 10.0	NE	NE	NE	NE	NE	
OTHER COMPONENTS				BAL	THE REMAINING COMPONENTS DO NOT CONTRIBUTE ANY SIGNIFICANT ADDITIONAL HAZARDS					


NA = Not Available; ND = Not Determined; NE = Not Established; C = Ceiling Limit; See Section 16 for Additional Definitions of Terms Used  
NOTE: all WHMIS required information is included. It is located in appropriate sections based on the ANSI Z400.1-2004 format.

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## 4. FIRST AID MEASURES

4.1	First Aid:	<p><b>INGESTION:</b> If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.</p> <p><b>EYES:</b> Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.</p> <p><b>SKIN:</b> If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.</p> <p><b>INHALATION:</b> Remove victim to fresh air. Administer oxygen, if necessary.</p>												
4.2	Medical Conditions Aggravated by Exposure: <b>None known.</b>	<table border="1" style="width: 100%;"> <tr> <td style="background-color: #0000FF; color: white;"><b>HEALTH</b></td> <td style="text-align: center;"><b>2</b></td> </tr> <tr> <td style="background-color: #FF0000; color: white;"><b>FLAMMABILITY</b></td> <td style="text-align: center;"><b>2</b></td> </tr> <tr> <td style="background-color: #FFFF00;"><b>REACTIVITY</b></td> <td style="text-align: center;"><b>0</b></td> </tr> <tr> <td><b>PROTECTIVE EQUIPMENT</b></td> <td style="text-align: center;"><b>B</b></td> </tr> <tr> <td><b>EYES</b></td> <td></td> </tr> <tr> <td><b>SKIN</b></td> <td></td> </tr> </table>	<b>HEALTH</b>	<b>2</b>	<b>FLAMMABILITY</b>	<b>2</b>	<b>REACTIVITY</b>	<b>0</b>	<b>PROTECTIVE EQUIPMENT</b>	<b>B</b>	<b>EYES</b>		<b>SKIN</b>	
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<b>PROTECTIVE EQUIPMENT</b>	<b>B</b>													
<b>EYES</b>														
<b>SKIN</b>														

## 5. FIREFIGHTING MEASURES

5.1	Flashpoint & Method:	<b>&gt; 43°C (110°F) c.c.</b>	
5.2	Autoignition Temperature:	<b>NA</b>	
5.3	Flammability Limits:	Lower Explosive Limit (LEL): <b>ND</b>	Upper Explosive Limit (UEL): <b>ND</b>
5.4	Fire & Explosion Hazards:	<b>Burning may release combustion products such as phenolics, carbon monoxide, carbon dioxide, and chlorine.</b>	
5.5	Extinguishing Methods:	<b>HazChem Code: 3YE Hazard Identification Number: 33 CO<sub>2</sub>, Halon, Dry Chemical, Foam</b>	
5.6	Firefighting Procedures:	<b>This product is a combustible liquid. When involved in a fire, this product may ignite readily and decompose to produce phenolics, carbon monoxide, carbon dioxide, and chlorine. First responders should wear eye protection. Structural firefighters must wear SCBAs and full protective equipment. Use a water spray or fog to reduce or direct vapors. Water may not be effective in actually extinguishing a fire involving this product.</b>	

## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	<p><b>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment.</b></p> <p><b>For small spills (e.g., &lt;1 gallon) wear appropriate personal protective equipment (e.g., goggles, gloves). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</b></p> <p><b>For spills ≥ 1 gallon, deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.</b></p>
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**7. HANDLING & STORAGE INFORMATION**

7.1	Work & Hygiene Practices: <b>Avoid prolonged contact with the product. After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.</b>
7.2	Storage & Handling: <b>Keep this material away from heat, sparks and open flame. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care.</b> <b>Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store away from incompatible materials (see Section 10, Stability and Reactivity). Material should be stored in secondary containers as appropriate.</b>
7.3	Special Precautions: <b>Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care.</b>

**8. EXPOSURE CONTROLS & PERSONAL PROTECTION**

8.1	Ventilation & Engineering Controls: <b>When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.</b>
8.2	Respiratory Protection: <b>No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.</b>
8.3	Eye Protection: <b>Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166.</b>
8.4	Hand Protection: <b>If anticipated that prolonged &amp; repeated skin contact will occur during use of this product, wear neoprene or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada or the E.C. member states.</b>
8.5	Body Protection: <b>No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA.</b>

**9. PHYSICAL & CHEMICAL PROPERTIES**

9.1	Density:	<b>1.09</b>
9.2	Boiling Point:	<b>&gt; 212 °F</b>
9.3	Melting Point:	<b>NE</b>
9.4	Evaporation Rate:	<b>NE</b>
9.5	Vapor Pressure:	<b>NE</b>
9.6	Molecular Weight:	<b>NE</b>
9.7	Appearance & Color:	<b>Clear , dark amber liquid with lavender fragrance.</b>
9.8	Odor Threshold:	<b>NA</b>
9.9	Solubility:	<b>Soluble in water.</b>
9.10	pH	<b>(conc.) 12.25 +/- .2 (diluted 1: 256) 10.25 +/- .25</b>
9.11	Viscosity:	<b>NA</b>
9.12	Other Information:	<b>NA</b>

**10. STABILITY & REACTIVITY**

10.1	Stability: <b>Stable under ambient conditions when stored properly (see Section 7, Storage and Handling).</b>
10.2	Hazardous Decomposition Products: <b>If exposed to extremely high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxide gases (e.g., CO, CO<sub>2</sub>).</b>
10.3	Hazardous Polymerization: <b>May occur, if exposed to extremely high temperatures.</b>
10.4	Conditions to Avoid: <b>None known.</b>
10.5	Incompatible Substances: <b>This product is incompatible with alkaline metals, strong oxidizers (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric or muriatic acids), or strong bases (e.g., lye, potassium hydroxide).</b>

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## 11. TOXICOLOGICAL INFORMATION

11.1	Toxicity Data: <b>This product has NOT been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. These data have not been presented in this document.</b>
11.2	Acute Toxicity: <b>See Section 2.5</b>
11.3	Chronic Toxicity: <b>See Section 2.6</b>
11.4	Suspected Carcinogen: <b>This product contains o-Phenylphenol, a substance know to the State of California to cause cancer. This product contains o-Phenylphenol which is listed as a Group 3 carcinogen by the IARC.</b>
11.5	Reproductive Toxicity: <b>This product is not reported to cause reproductive toxicity in humans.</b>
	Mutagenicity: <b>This product is not reported to produce mutagenic effects in humans.</b>
	Embryotoxicity: <b>This product is not reported to produce embryotoxic effects in humans.</b>
	Teratogenicity: <b>This product is not reported to cause teratogenic effects in humans.</b>
	Reproductive Toxicity: <b>This product is not reported to cause reproductive effects in humans.</b>
11.6	Irritancy of Product: <b>See Section 2.3</b>
11.7	Biological Exposure Indices: <b>NE</b>
11.8	Physician Recommendations: <b>Treat symptomatically.</b>

## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability: <b>There are no specific data available for this product.</b>
12.2	Effects on Plants & Animals: <b>There are no specific data available for this product. However, may be harmful or fatal to domestic animals.</b>
12.3	Effects on Aquatic Life: <b>There are no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.</b>

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal: <b>Waste disposal must be in accordance with appropriate federal, state, and local regulations.</b>
13.2	Special Considerations: <b>NA</b>

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## 14. TRANSPORTATION INFORMATION

The basic description (proper shipping name, hazard class & division, ID Number, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND): <b>CONSUMER COMMODITY, ORM-D (x ≤ 5.0 L)</b> <b>UN2924, FLAMMABLE LIQUIDS, CORROSIVE, N.O.S. (ISOPROPANOL, POTASSIUM o-BENZYL p-CHLOROPHENATE), 3 (8), III (x &gt; 5.0 L)</b>
14.2	IATA (AIR): <b>UN2924, FLAMMABLE LIQUIDS, CORROSIVE, N.O.S. (ISOPROPANOL, POTASSIUM o-BENZYL p-CHLOROPHENATE), 3 (8), III (x &gt; 5.0 L)</b>
14.3	IMDG (OCN): <b>UN2924, FLAMMABLE LIQUIDS, CORROSIVE, N.O.S. (ISOPROPANOL, POTASSIUM o-BENZYL p-CHLOROPHENATE), 3 (8), III, LTD QTY (x ≤ 5.0 L)</b>
14.4	TDGR (Canadian GND): <b>MARK PACKAGE "LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" (x ≤ 5.0 L)</b> <b>UN2924, FLAMMABLE LIQUIDS, CORROSIVE, N.O.S. (ISOPROPANOL, POTASSIUM o-BENZYL p-CHLOROPHENATE), 3 (8), III (x &gt; 5.0 L)</b>
14.5	ADR/RID (EU): <b>UN2924, FLAMMABLE LIQUIDS, CORROSIVE, N.O.S. (ISOPROPANOL, POTASSIUM o-BENZYL p-CHLOROPHENATE), 3 (8), III, ADR, LTD QTY (x ≤ 5.0 L)</b>
14.6	MEXICO (SCT): <b>UN2924, LIQUIDO INFLAMABLE, CORROSIVO, N.E.P. (ISOPROPANOL, POTASIO o-BENZIL p-CLOROFENATO), 3 (8), III, CANTIDAD LIMITADA (x ≤ 5.0 L)</b>



## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements: <b>NA</b>																		
15.2	SARA Threshold Planning Quantity: <b>There are no specific Threshold Planning Quantities for the components of this product.</b>																		
15.3	TSCA Inventory Status: <b>The components of this product are listed on the TSCA Inventory as appropriate.</b>																		
15.4	CERCLA Reportable Quantity (RQ): <b>NA</b>																		
15.5	Other Federal Requirements: <b>This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).</b>																		
15.6	Other Canadian Regulations: <b>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.</b>																		
15.7	State Regulatory Information: <b>Ingredients in this mixture on found on the following state criteria lists:</b>  <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">California OSHA Hazardous Substances List</td> <td>Isopropanol</td> </tr> <tr> <td>California Proposition 65 List (cancer)</td> <td>o-Phenylphenol</td> </tr> <tr> <td>Delaware Air Quality Management List</td> <td>o-Phenylphenol</td> </tr> <tr> <td>Massachusetts Hazardous Substances List</td> <td>Isopropanol, o-Phenylphenol</td> </tr> <tr> <td>Michigan Critical Substances List</td> <td>o-Phenylphenol</td> </tr> <tr> <td>Minnesota Hazardous Substances List</td> <td>Isopropanol</td> </tr> <tr> <td>New Jersey Right to Know Hazardous Substances List</td> <td>Isopropanol, o-Phenylphenol</td> </tr> <tr> <td>Pennsylvania Hazardous Substances List</td> <td>Isopropanol, o-Phenylphenol</td> </tr> <tr> <td>Washington Permissible Exposure Limits for Air Contaminants</td> <td>Isopropanol</td> </tr> </table>	California OSHA Hazardous Substances List	Isopropanol	California Proposition 65 List (cancer)	o-Phenylphenol	Delaware Air Quality Management List	o-Phenylphenol	Massachusetts Hazardous Substances List	Isopropanol, o-Phenylphenol	Michigan Critical Substances List	o-Phenylphenol	Minnesota Hazardous Substances List	Isopropanol	New Jersey Right to Know Hazardous Substances List	Isopropanol, o-Phenylphenol	Pennsylvania Hazardous Substances List	Isopropanol, o-Phenylphenol	Washington Permissible Exposure Limits for Air Contaminants	Isopropanol
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Pennsylvania Hazardous Substances List	Isopropanol, o-Phenylphenol																		
Washington Permissible Exposure Limits for Air Contaminants	Isopropanol																		



15.8	67/548/EEC (European Union) Requirements: <b>The primary component of this product is not listed in Annex I of EU Directive 67/548/EEC.</b> <b>Isopropanol: Flammable (F). R: 11-36/37 – Highly flammable. Irritating to eyes and respiratory system. S: 2-7-16-24/25/26 – Keep out of the reach of children. Keep container tightly closed. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</b>
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## 16. OTHER INFORMATION

16.1 Other Information:

**Keep out of reach of children. Do not take internally. Keep away from heat and open flame.**

16.2 Terms &amp; Definitions:

**See last page of this MSDS.**

16.3 Disclaimer:

This Material Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & OPI Products' knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are 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:

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O·P·I

16.5 Prepared by:

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## DEFINITION OF TERMS

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

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
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### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>TLV</b>	Threshold Limit Value
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>IDLH</b>	Immediately Dangerous to Life and Health

### FIRST AID MEASURES:

<b>CPR</b>	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.
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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

#### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard



#### PERSONAL PROTECTION RATINGS:

<b>A</b>		<b>G</b>	
<b>B</b>		<b>H</b>	
<b>C</b>		<b>I</b>	
<b>D</b>		<b>J</b>	
<b>E</b>		<b>K</b>	
<b>F</b>		<b>X</b>	Consult your supervisor or S.O.P. for special handling directions.

Note: the dotted circle indicates that this respiratory protective equipment is required for high concentrations or for large volume spills or releases of product.

#### OTHER STANDARD ABBREVIATIONS:

<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>NE</b>	Not Established
<b>ND</b>	Not Determined
<b>ML</b>	Maximum Limit
<b>SCBA</b>	Self-Contained Breathing Apparatus

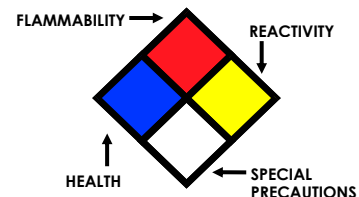
### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

#### FLAMMABILITY LIMITS IN AIR:

<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	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:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>-W</b>	Use No Water
<b>OX</b>	Oxidizer



#### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLo</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>0</sub> or TC, TC<sub>0</sub>, LC<sub>10</sub>, &amp; LC<sub>0</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>ow</sub> or log K<sub>oc</sub></b>	Coefficient of Oil/Water Distribution

#### REGULATORY INFORMATION:

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

#### EC INFORMATION:

<b>C</b>	<b>E</b>	<b>F</b>	<b>N</b>	<b>O</b>	<b>T+</b>	<b>Xi</b>	<b>Xn</b>
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful