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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 3/26/2015

1.1 Produ	uct Name:	BIRCHWOOD CASEY TRU-OIL®
1.2 Chem	nical Name:	Mixture
1.3 Synor	nyms:	PN 23123, 23035, 23150, TO22, TO8, TO
1.4 Trade	e Names:	Birchwood Casey Tru-Oil®
1.5 Produ	uct Uses & Restrictions:	Lubricant
1.6 Distril	ibutor's Name:	Birchwood Casey
1.7 Distril	ibutor's Address:	7887 Fuller Road, Suite #100, Eden Prairie, MN 55344 USA
1.8 Emer	rgency Phone:	ChemTrec +1 (800) 424-9300 / +1 (703) 527-3887 or Poison Control Center +1 (866) 291-7152
1.9 Busin	ness Phone / Fax:	+1 (952) 388-6717

## 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 BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. FLAMMABLE LIQUID AND VAPOR. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Classification: Asp. Tox. 1; Flam. Liq. 3; Eye Irrit. 2; Aquatic Chronic 2

<u>Hazard Statements</u> (H): H226 – Flammable liquid and vapor. H304 – May be fatal if swallowed and enters airways. H319 – Causes serious eye irritation. H411 – Toxic to aquatic life with long lasting effects.

Precautionary Statements (P): -P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 – Keep container tightly closed. P264 – Wash thoroughly with soap and water after handling. P273 – Avoid release to the environment. P280 – Wear protective gloves/ eye protection. P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER/doctor. P331 – Do NOT induce vomiting. P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persist: Get medical advice/attention. P370+P378 – In case of fire: Use Water, Foam, CO<sub>2</sub>, Dry Chemical to extinguish. P391 – Collect spillage. P403+P235 – Store in a well-ventilated place. Keep cool. P501 – Dispose of contents/container through licensed treatment, storage or disposal facility.



#### 3. COMPOSITION & INGREDIENT INFORMATION

					EXPOSURE LIMITS IN AIR (mg/m³)								
					AC	GIH		NOHSC			OSHA		
				ļ	ppm		ppm		ppm				
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER
STODDADD SOLVENT	8052-41-3	WJ8925000	232-489-3	40-70	100	NA	790	NF	NF	200	NA	20000	RESP FRAC
STODDARD SOLVENT	Flam. Liq. 3; A	sp. Tox. 1; Eye Ir	rit. 2; Aquatic Ch	ronic 2; H2	226, H3	04, H31	19, H41	1					
MODIFIED OIL (PROPRIETARY)	NA	NA	NA	15-40	NA	NA	NF	NF	NF	NA	NA	NA	
MODIFIED OIL (PROPRIETART)													
LINSEED OIL	8001-26-1	Ol9690000	232-278-6	7-13	15	NA	NF	NF	NF	10	NA	NA	RESP
LINGLED OIL													

## 4. FIRST AID MEASURES

4.1	First Aid:	Ingestion:	DO NOT INDUCE VOMITING. Contact Poison Control Center +1 (866) 291-7152 or the nearest Poison Control Center 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.
		Eyes:	If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, 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.
		Skin:	Remove contaminated clothing and wash affected areas with soap and water. If discomfort persists and/or the skin reaction worsens, contact a physician immediately. Do not wear contaminated clothing until after it has been properly cleaned.
		Inhalation:	Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform artificial respiration. Seek immediate medical attention.
4.2	Effects of Exposure:	Ingestion:	If product is swallowed, may cause nausea, temporary gastrointestinal irritation. Vomiting and/or diarrhea.
		Eyes:	Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.
		Skin:	May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.
		Inhalation:	None expected.



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 3/26/2015 4. FIRST AID MEASURES - cont'd 4.3 Symptoms of Overexposure: Nausea, intestinal discomfort, vomiting and/or diarrhea. Ingestion: Overexposure in eyes may cause redness, itching and watering. Eyes: Skin: Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. Frostbite like symptoms. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some Acute Health Effects: 44 Non-irritating when used as directed. Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea. 4.5 Chronic Health Effects: None reported by the manufacturer. 4.6 Target Organs: Eyes, Skin, Liver, Kidney, CNS 4.7 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the HEALTH 2 Aggravated by Exposure: target organs (eyes). **FLAMMABILITY** 0 PHYSICAL HAZARDS 1 PROTECTIVE EQUIPMENT В EYES SKIN 5. FIREFIGHTING MEASURES Fire & Explosion Hazards: This product is not flammable. However, if involved in a fire, this product may decompose at high 5.1 temperatures to form toxic gases (e.g., CO, CO<sub>x</sub>). 5.2 Extinguishing Methods: Water, Foam, CO<sub>2</sub>, Dry Chemical. Use water spray to cool unopened containers. Firefighting Procedures: 5.3 Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. 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. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. 6. ACCIDENTAL RELEASE MEASURES Spills: Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. 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. For <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. 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. 7. HANDLING & STORAGE INFORMATION 7.1 Work & Hygiene Practices: Avoid prolonged contact with the product. Avoid breathing vapors of this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product. 72 Storage & Handling: 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. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Storage temperature: 32-120 °F (0-49 °C). Take precautionary measures against static discharge. Store away from incompatible materials (see Section 10). Special Precautions: 7.3 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. 8. EXPOSURE CONTROLS & PERSONAL PROTECTION ACGIH NOHSC OSHA OTHER 8.1 **Exposure Limits:** STE ppm (mg/m<sup>3</sup>) CHEMICAL NAME(S) TLV STEL ES-TWA **ES-STEL ES-PEAK** PEL IDLH L STODDARD SOLVENT 100 NA 790 NF NF 200 NA 20000 RESP FRAC LINSEED OIL 15 NA NF NF NF 10 NA NA RESP When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure 8.2 Ventilation & Engineering Controls: that an eyewash station, sink or washbasin is available in case of exposure to eyes.



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 3/26/2015 8. EXPOSURE CONTROLS & PERSONAL PROTECTION - cont'd 8.3 Respiratory Protection: No special respiratory protection is required under typical circumstances of use or handling. 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. Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this 8.4 Eye Protection: product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants. Hand Protection: 8.5 If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states. 8.6 Body Protection: No apron required when handling small quantities. When handling large quantities (e.g., ≥ 1 gallon), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water. 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Appearance: Brown liquid 92 Odor Solvent odor 9.3 Odor Threshold: NA 9.4 pH: NA 9.5 Melting Point/Freezing Point: NA Initial Boiling Point/Boiling 9.6 >157.2 °C (315 °F) Range: 9.7 Flashpoint: 43.8 °C (111 °F) CC 9.8 Upper/Lower Flammability LEL 1.0% / UEL 6.0% Limits: Vapor Pressure: 9.9 NA 9.10 Vapor Density: NA Relative Density: 9.11 0.825 9.12 Solubility: Immiscible Partition Coefficient (log Pow): 9.13 NA 9.14 **Autoignition Temperature** NA 9 15 Decomposition Temperature: NA 9 16 Viscosity: NA 9.17 Other Information: VOC: 60 % 10. STABILITY & REACTIVITY 10.1 Stability: Relatively stable under ambient conditions when stored properly. 10.2 Hazardous Decomposition If exposed to extremely high temperatures, products of thermal decomposition may include irritating vapors and toxic Products: gases (e.g., oxides of carbon & nitrogen). 10.3 Hazardous Polymerization: Will not occur. 10 4 Conditions to Avoid Exposure or contact to extreme temperatures, incompatible chemicals, strong light sources, sparks, flame. Incompatible Substances: 10.5 Strong oxidizers, peroxides or strong acids. 11. TOXICOLOGICAL INFORMATION Inhalation: YES Absorption: YES Ingestion: YES Routes of Entry: 11.1 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product and is not presented in this document. 11.3 Acute Toxicity: Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea 11.4 Chronic Toxicity: This material may aggravate any pre-existing skin condition (e.g., dermatitis). 11.5 Suspected Carcinogen: 11.6 Reproductive Toxicity: This product is not reported to produce reproductive toxicity in humans. Mutagenicity: This product is not reported to produce mutagenic effects in humans. Embryotoxicity: This product is not reported to produce embryotoxic effects in humans. Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. 11.7 Irritancy of Product: The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure. 11.8 Biological Exposure Indices NF 11.9 Physician Recommendations: Treat symptomatically.



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 3/26/2015 12. ECOLOGICAL INFORMATION 12.1 Environmental Stability: The components of this product will slowly degrade over time into a variety of organic compounds. environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. 12.2 Effects on Plants & Animals: There are no specific data available for this product. 12.3 Effects on Aquatic Life: 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. 13. DISPOSAL CONSIDERATIONS Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate 13.1 Waste Disposal: disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be provided by a licensed facility or waste hauler. 13.2 Special Considerations: U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 49 CFR (GND): UN1993, FLAMMABLE LIQUIDS, N.O.S. (NAPHTHA, PETROLEUM), 3, II (LTD QTY, IP VOL  $\leq$  1.0 L); or CONSUMER COMMODITY, ORM-D - until 01/01/2021 14.2 IATA (AIR): ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 0.5 L); or UN1993, FLAMMABLE LIQUIDS, N.O.S. (NAPHTHA, PETROLEUM), 3, III (LTD QTY, IP VOL ≤ 0.5 L) IMDG (OCN): 14.3 UN1993, FLAMMABLE LIQUIDS, N.O.S. (NAPHTHA, PETROLEUM), 3, III (LTD QTY, IP VOL ≤ 1.0 L) 14.4 TDGR (Canadian GND): UN1993, FLAMMABLE LIQUIDS, N.O.S. (NAPHTHA, PETROLEUM), 3, III (LTD QTY, IP VOL ≤ 1.0 L); or "LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" (IP VOL ≤ 1.0 L) ADR/RID (EU): 14.5 UN1993, FLAMMABLE LIQUIDS, N.O.S. (NAPHTHA, PETROLEUM), 3, III (LTD QTY, IP VOL  $\leq$  1.0 L) SCT (MEXICO): UN1993, LIQUIDOS, INFLAMABLES, N.E.P. (NAPHTHA, PETROLEUM), 3, III 14.6 (CANT. LTDA., IP VOL ≤ 1.0 L) ADGR (AUS): 14 7 UN1993, FLAMMABLE LIQUIDS, N.O.S. (NAPHTHA, PETROLEUM), 3, III (LTD QTY, IP VOL ≤ 1.0 L) 15. REGULATORY INFORMATION SARA Reporting 15.1 This product does not contain any chemicals subject to the SARA Title III, section 313 reporting requirements. Requirements 15.2 SARA Threshold Planning There are no specific Threshold Planning Quantities for the components of this product. Quantity: 15.3 TSCA Inventory Status: The components of this product are listed on the TSCA Inventory CERCLA Reportable Quantity 15.4 NA Other Federal Requirements: 15.5 NA 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS 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. 15.7 State Regulatory Information: Stoddard Solvent is found on the following state criteria list: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), Pennsylvania Right-to-Know List (PA) and Washington Permissible Exposures List (WA). Linseed oil is found on the following state criteria list: PA and NJ. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic 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 Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 3/26/2015 15. REGULATORY INFORMATION – cont'd 15.8 Other Requirements: The primary components of this product are not listed in Annex I of EU Directive 67/548/EEC: Stoddard solvent): Toxic (T), Harmful (Xn). Risk Phrases (R): 45-46-65 - May cause cancer. May cause inheritable genetic damage. Harmful: may cause harm to breast-fed babies. Safety Phrases(S): 2-23-24-62 - Keep out of reach of children. Do not breathe fumes/vapors/ dust. Avoid contact with skin. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label where possible. 16. OTHER INFORMATION MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. FLAMMABLE LIQUID AND VAPOR. Other Information: DANGER! TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. Use only as directed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Wash thoroughly with soap and water after handling. Avoid release to the environment. Wear protective gloves/ eye protection. IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use Water, Foam, CO2, Dry Chemical to extinguish. Collect spillage. Store in a well-ventilated place. Keep cool. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN. 16.2 Terms & Definitions: See last page of this Safety Data Sheet. Disclaimer: 16.3 This 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 & Birchwood Casey's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, 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 Casey** 7887 Fuller Road, Suite #100 BIRCHWOOD Eden Prairie, MN 55344 USA Tel: +1 (952) 388-6701 Fax: +1 (952) 388/6702 http://www.birchwoodCasey.com 16.5 Prepared by: ShipMate, Inc. P.O. Box 787

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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:**

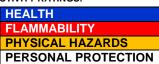
CAS NO.	Chemical Abstract Service Number				
EXPOSURE	EXPOSURE LIMITS IN AIR:				
ACGIH	American Conference on Governmental Industrial Hygienists				
С	Ceiling Limit				
ES	Exposure Standard (Australia)				
IDLH	Immediately Dangerous to Life and Health				
OSHA	U.S. Occupational Safety and Health Administration				
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 hody

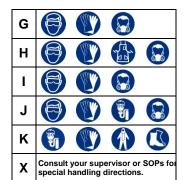
#### HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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



#### PERSONAL PROTECTION RATINGS:

Α			
В	(EV)		
С		THE STATE OF THE S	
D		THE STATE OF THE S	
Е			
F		THE STATE OF THE S	























Full Face Respirator

Airline Hood/Mask or SCBA

#### OTHER STANDARD ABBREVIATIONS:

ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:					
Autoignition	Minimum temperature required to initiate combustion in air with no other				
Temperature	e source of ignition				
LEL	LEL Lower Explosive Limit - lowest percent of vapor in air, by volume, that will				
	explode or ignite in the presence of an ignition source				
UEL	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
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
₩	Use No Water
OX	Oxidizer
TREFOIL	Radioactive



#### TOXICOLOGICAL INFORMATION:

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

#### **REGULATORY INFORMATION:**

WHMIS	Canadian Workplace Hazardous Material Information System			
DOT	U.S. Department of Transportation			
TC	Transport Canada			
EPA	U.S. Environmental Protection Agency			
DSL	Canadian Domestic Substance List			
NOHSC	National Occupational Health and Safety Commission (Australia)			
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)			
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System			

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	<b>(a)</b>	<b>(2)</b>		$\odot$	<b>®</b>	(F)	R
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### EC (67/548/EEC) INFORMATION:

<b>1</b>		*	¥			×	×
С	E	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

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

			$\Diamond$			<b>\ODE</b>		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment