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

SDS Revision: 1.0

SDS Revision Date: 6/24/2014

	1. PRODUCT & COMPANY IDENTIFICATION				
1.1	Product Name:	PLUM BROWN BARREL FINISH			
1.2	Chemical Name:	NA			
1.3	Synonyms:	14130, 14145, PB5, PB-QT			
1.4	Trade Names:	Plum Brown Barrel Finish			
1.5	Product Use:	Metal Finishing			
1.6	Distributor's Name:	Birchwood Casey.			

2.1 Hszard Identification: This product is classified as a hszardous substance and as dargerous goods according to the classification orderia of (NOHSC: 1088 (2004)) and ADS Code (Australia). DANGER! MAY CAUSE FIRE OR EXPLOSION; STRONG OXIDIZER. CAUSES EVERE SKIN BURNS AND EYE DAMAGE. HARMIFUL IF SWALLOWED. MAY CAUSE RESPIRATORY IRRITATION. TOXIC TO AQUATIC LIFE WALLOWED. MAY CAUSE RESPIRATORY IRRITATION. TOXIC TO AQUATIC LIFE WALLOWED. MAY CAUSE RESPIRATORY IRRITATION. TOXIC TO AQUATIC LIFE WALLOWED. MAY CAUSE RESPIRATORY IRRITATION. TOXIC TO AQUATIC LIFE WALLOWED. MAY CAUSE RESPIRATORY IRRITATION. TOXIC TO AQUATIC LIFE WALLOWED. MAY CAUSE RESPIRATORY IRRITATION. TOXIC TO AQUATIC LIFE WALLOWED. Immediated colding and other combustible materials. P260 - Do not bad drange. H302 - Harmful if svalowed. H333 - May cause respiratory intitation. H411 - Toxic to aquatic life with long lasting effects. Precaulionary Statements (P): P210 - Keep away from clothing and water thoroughly after handling. P270 - Do not ead, drink, or smoke when using this product. P271 - Use protection life events bits container label and section 4 First Aid of this SDS. P330 - Rinse mouth. P303-P314P330 + IF ON SKIN (or hai): Take off immediately all contaminated clothing. Rinse skin with water for shower]. P363 - was container label and section 4 First Aid of this SDS. P330 - Rinse mouth. P303+P331+P333 - IF ON SKIN (or hai): Takee of immediately all contaminated clothing. Rinse skin with water for shower]. P363 - Was container label and section 4 First Aid of this SDS. P330 - Rinse may the Ald STAT P330 - IF ON SKIN (or hai): Take off immediately all contaminated clothing. Rinse skin with water for shower]. P364-P360 - IF CN CLOTHING: Rinse immediately contaminated clothing and an approved waster berso therein with a sochama label appropriate for surrounding materials. P403+P375 - In case of main these contatant labels a performati				2. HA	ZARDS II	DENTI	FICA	TIO)N						٦
Skin: Burns upon direct contact. Ingestion: Severe burns of mouth, throat, stomach. Inhalation: Severe irritation or burns in respiratory tract and mucous membranes. Possible lung damage. 2.3 Symptoms of Overexposure: Eves: Redness, burning, irritation, and swelling around eyes Skin: Redness, burning, itching, rash, blistering of skin. Ingestion: Nausea, vomiting, severe abdominal pain. Inhalation: Coughing, wheezing, swelling of throat, irritation in mucous membranes, difficulty breathing. 2.4 Acute Health Effects: May be harmful if swallowed. Causes burns. May be harmful if absorbed through skin. 2.5 Chronic Health Effects: May damage the nervous system, kidney and/or liver. 2.6 Target Organs: Eyes, skin, nervous system, kidneys, liver, respiratory system. Expensive Elimits in Air (mg/m³) ACGIH OBHORSITION & INGREDIENT INFORMATION Expensive Limits in Air (mg/m³) Asign of point and the system of the	2.1	Hazard Identification:	classification cr DANGER! MA BURNS AND IRRITATION. T Hazard Statem severe skin bur irritation. H411 Precautionary S other ignition s materials. P26 handling. P270 in a well-ventila protective clothin doctor/physicial this SDS. P330 contaminated c reuse. P304+F P305+P351+P3 lenses if prese immediately co P371+P380+P3 due to the risk for surrounding closed. P391 –	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 CAUSE FIRE OR EXPLOSION; STRONG OXIDIZER. CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. HARMFUL IF SWALLOWED. MAY CAUSE RESPIRATORY IRRITATION. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. <u>Hazard Statements</u> (H): H271 – May cause fire or explosion; strong oxidizer. H314 – Causes severe skin burns and eye damage. H302 – Harmful if swallowed. H335 – May cause respiratory Irritation. H411 – Toxic to aquate life with long lasting effects. Precautionary Statements (P): P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P220 Keep away from clothing and other combustible materials. P260 – Do not breathe dust or mist. P264 – Wash with soap and water thoroughly after nandling. P270 – Do not eat, drink, or smoke when using this product. P271 – Use only outdoors or n a well-ventilated area. P273 – Avoid release to the environment. P280 - Wear protective gloves/ protective clothing. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P321 – Specific treatments see this container label and section 4 First Aid of this SDS. P330 – Rinse mouth. P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Bays with water [or shower]. P363 – was contaminated clothing before reuse. 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 enses if present and easy to do. Continue rinsing. P306+P360 – IF ON CLOTHING: Rinse emediately contaminated clothing and skin with plenty of water before removing clothes. P371+P380+P375 – In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. P370+P378 – In case of fire: Use fire-extinguishing media appropriate for surround											
2.3 Symptoms of Overexposure: Eves: Redness, burning, irritation, and swelling around eyes Skin: Redness, burning, itching, rash, blistering of skin. Ingestion: Nausea, vomiting, severe abdominal pain. Inhalation: Coughing, wheezing, swelling of throat, irritation in mucous membranes, difficulty breathing. 2.4 Acute Health Effects: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper resp. 2.5 Chronic Health Effects: May damage the nervous system, kidney and/or liver. 2.6 Target Organs: Eyes, skin, nervous system, kidneys, liver, respiratory system. Exposure Limits in Air (mg/m ³) Accient Name(s) CAS No. RTECS No. Ketes No. Watter Void Site Source OSAN Recine Source Exposure Limits IN Air (mg/m ³) Acces No. Ketter Source CHEMICAL NAME(S) CAS No. RTECS No. Ketter Source CHEMICAL NAME(S) CAS No. RTECS	2.2	Effects of Exposure:	<u>Skin</u> : Bun Ingestion: Sev	ns upon direct of ere burns of m	contact. outh, throat, sto	omach.	t and mu	100110	mom	aranaa Da	acible I	una do	2000		
tract. May be harmful if swallowed. Causes burns. May be harmful if absorbed through skin. 2.5 Chronic Health Effects: May damage the nervous system, kidney and/or liver. 2.6 Target Organs: Eyes, skin, nervous system, kidneys, liver, respiratory system. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) ACGIH NOHSC CHEMICAL NAME(S) CAS No. RTECS No. EINECS No. KIENECS No. May and the method of the system is the sys	2.3	Symptoms of Overexposure:	Eyes: Red Skin: Red Ingestion: Nau Inhalation: Cou	Eyes: Redness, burning, irritation, and swelling around eyes Skin: Redness, burning, itching, rash, blistering of skin. ngestion: Nausea, vomiting, severe abdominal pain.											
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	POTA	SSIUM CHLORATE									NA	NA	NA		
						1	r r	1	<u>г</u>		1	NA	NA		
COPPER CHLORIDE, DIHYDRATE Acute Tox. 3; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; H301, H315, H319, H335	COPP	ER CHLORIDE, DIHYDRAT			1							NA	NA		—



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		3. COMP			רואשוח				+'d			
								EXPOSURE LI		IR (mg/m ³)		
						ACGIH	N	OHSC	C	SHA		
						ppm		ES- ES-		ppm	-	
CHEMI	CAL NAME(S)	CAS No.	RTECS No. QU5775000	EINECS No.	%	TLV STEL	TWA	STEL PEAK		STEL IDLH	0	THER
VITRI	C ACID	7697-37-2 Ox. Liq. 3; Skin	Corr. 1A; H272,	231-714-2 H314	1-5	2 4	2	4 NF	2	NA 25		
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	1			FIRST AI						<u> </u>		
4.1	First Aid:		NOT INDUCE								Seek in	nmediate
		me	dical attention.									
			aspiration. roduct gets in	the eves flue	eh ovoe t	boroughly y	with conio	us amount	s of wat	er for at l	aast 15	minutes
			ding eyelid(s) c									
			e, consult a phy move contamin					acon and y	watar li	f diagomfo	rt noraio	to ond/or
			skin reaction v									
			been properly									
			nove victim to t ek immediate m			er extreme c	onditions,	, if breathing	g stops,	perform ar	tificial re	spiration.
4.2	Medical Conditions Aggravated by Exposure:	Pre-existing de	ermatitis, other	skin conditio	ons, and			EALTH				2
	Aggravated by Exposure.	target organs impaired kidne						LAMMAB	ILITY			0
		this substance.			зеериые		P	HYSICAL				2
								ROTECTI		JIPMENT	· 	В
							E	YES	SKIN			
			5 FIR	REFIGHT		FASUR	FS					
5.1	Fire & Explosion Hazards:	May cause fire						ease hvdroo	ien das.	which		
		can form explo of a fire could fumes.	sive mixtures v	vith air. The p	presence	of large am	ounts of F	PLUM BRO	WN at th	ne site		
5.2	Extinguishing Methods:		uishing media a	appropriate for	r surround	ding materia	ls.					
5.3					2 x							
		6					CIIDE	e				
6.1	6. ACCIDENTAL RELEASE MEASURES Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective						Protective					
		Equipment (PF	PE). Use safety	y glasses or s								
		apron, boots, e <u>Small Spills</u> : W	, ,		auinment	includina a	loves and	h protective	evewea	ar Use au	non-com	nbustible
		inert material										
		disposal.	(oon incompati	hla matariala		anice cuch c	ne oil) ow	av from spil	Stov	upwind on	d away f	from spill
		Large Spills: K or release. Iso										
	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.						le. Avoid					
	I		,									
	•	7.	HANDLIN	IG & STC	RAGE	E INFOF	RMATI	ON				
7.1	Work & Hygiene Practices: Avoid breathing mists or spray. Avoid eye and skin contact. Wear protective equipment when handling product. Keep of 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 ar decontaminate any spills or residues.					g. Do not						
7.2	Storage & Handling:	Use and store sunlight. Store (120°F). Keep	in a cool, dry in acid-resista	, well-ventilate	Keep co	ontainers co	vered who	en not in us	se. Avoi	d temperat	tures ab	
7.3	Special Precautions:	Empty containe									U	



Irritancy of Product:

Biological Exposure Indices:

Physician Recommendations:

11.7

11.8

11.9

See Section 2.3

Treat symptomatically.

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SAFETY DATA SHEET

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		8. EXPOSURE CONTROLS & PERSONAL PROTECTION					
8.1	Ventilation & Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).					
8.2	Respiratory Protection:	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.					
8.3	Eye Protection:	Safety glasses with side shields must be used when handling or using this product. A protective face shield is also recommended.					
8.4	Hand Protection:	Wear protective, chemical-resistant gloves (e.g., neoprene) when using or handling this product.					
8.5	Body Protection:	A chemical resistant apron and/or protective clothing are recommended when handling or using this product.					
		9. PHYSICAL & CHEMICAL PROPERTIES					
9.1	Appearance:	Clear pale blue liquid					
9.2	Odor:	Odorless					
9.3	Odor Threshold:	NA					
9.4	pH:	1.0					
9.5	Melting Point/Freezing Point:	NA					
9.6	Initial Boiling Point/Boiling Range:	> 102 °C (> 216 °F)					
9.7	Flashpoint:	NA					
9.8	Upper/Lower Flammability Limits:	NA					
9.9	Vapor Pressure:	NA					
9.10	Vapor Density:	< 1.0 (air = 1.0)					
9.11	Relative Density:	1.13					
9.12	Solubility:	Soluble					
9.13	Partition Coefficient (log Pow):	NA					
9.14	Autoignition Temperature:	NA					
9.15	Decomposition Temperature:	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 Products:	Reaction with organics and strong reducing agents can produce organoselenides and hydrogen selenide. Thermal decomposition may produce selenium, nitrogen, phosphoric and copper oxides.					
10.3	Hazardous Polymerization:	Will not occur.					
10.4	Conditions to Avoid:	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					
11.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: YES					
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 but is not presented in this document. <u>Potassium chlorate</u> : LD ₅₀ 1870 mg/kg. <u>Copper chloride</u> : LD ₅₀ 140 mg/kg.					
11.3	Acute Toxicity:	See Section 2.4					
11.4	Chronic Toxicity:	See Section 2.5					
11.5	Suspected Carcinogen:	Components in this product are listed by IARC as Group 3 (Not classifiable as to its carcinogenicity to humans).					
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.					
	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.					



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		12. ECOLOGICAL INFORMATION					
12.1	Environmental Stability:	No data available.					
12.2	Effects on Plants & Animals:	No data available.					
12.3	Effects on Aquatic Life:	Very toxic to aquatic life with long lasting effects. Marine Pollutant – Cupric Chloride.					
	13. DISPOSAL CONSIDERATIONS						
13.1	Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate					
		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 Hazardous Waste – Characteristic - Corrosive (D002).					
		14. TRANSPORTATION INFORMATION					
14.1	49 CFR (GND):	UN3264, CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID SOLUTION), 8, 11,					
17.1		LTD QTY (IP VOL ≤ 1.0 L)					
14.2	IATA (AIR):						
		UN3264, CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID SOLUTION), 8,II, LTD QTY (IP VOL ≤ 0.1 L)					
14.3	IMDG (OCN):	UN3264, CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID SOLUTION), 8, II, LTD QTY (IP VOL ≤ 1.0 L)					
		EXCEPTED QUANTITY					
		Marine Pollutant – Cupric Chloride Solution.					
14.4	TDGR (Canadian GND):	UN3264, CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID SOLUTION), 8, II, LTD QTY (IP VOL ≤ 1.0 L)					
14.5	ADR/RID (EU):	UN3264, CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID SOLUTION), 8, II, LTD QTY (IP VOL ≤ 1.0 L)					
		EXCEPTED QUANTITY					
14.6	SCT (MEXICO):	UN3264, LIQUIDOS, CORROSIVOS, ACIDO, INORGANICO, N.E.P. (ACIDO NITRICO SOLUCIÓN), 8, II, CANTIDAD LIMITADA (IP VOL ≤ 1.0 L)					
14.7	ADGR (AUS):	UN3264, CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID SOLUTION), 8, II, LTD QTY (IP VOL ≤ 1.0 L)					
		EXCEPTED QUANTITY					
* This	product may also be shipped as a	n Excepted Quantity (Inner Package Volume ≤ 30 mL, Total Quantity ≤ 500 mL per Outer Package)					
		15. REGULATORY INFORMATION					
15.1	SARA Reporting Requirements:	This product contains <u>Nitric Acid</u> a substance subject to SARA Title III, section 313 reporting requirements.					
15.2	SARA Threshold Planning Quantity:	302 TPQ (Nitric Acid): 1,000 lbs (454 kg)					
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.					
15.4	CERCLA Reportable Quantity (RQ):	Nitric Acid: 1,000 lbs (454 kg).					
15.5	Other Federal Requirements:	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 C (Oxidizing Material). WHMIS Class D1B (Materials Causing Immediate and Serious Toxic Effects).					
15.7	State Regulatory Information:	Sodium nitrate is found on the following state criteria lists: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), and Pennsylvania Right-to-Know List (PA). <u>Nitric Acid</u> is found on the following state criteria lists: FL, MA, MN, NJ, PA, and WA. <u>Potassium chlorate</u> is found on the following sate 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 (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (WA), Wisconsin Hazardous Substances List (WI).					

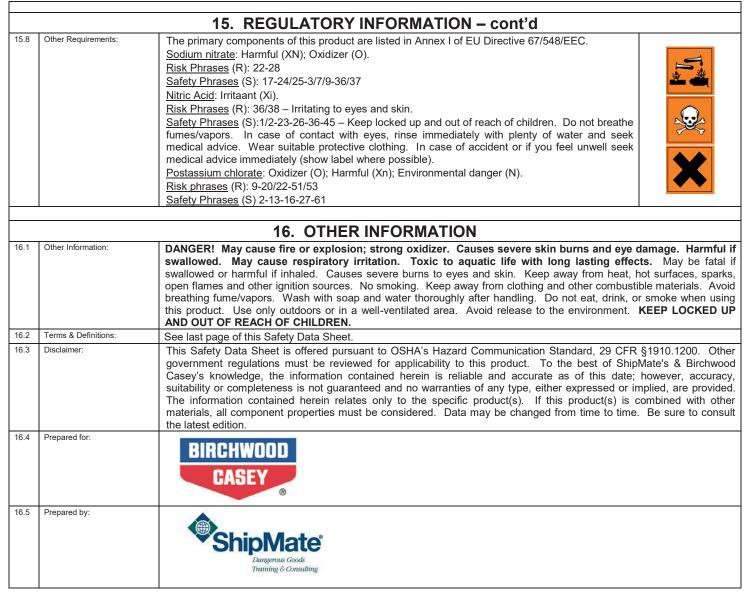


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SDS Revision: 1.0

SDS Revision Date: 6/24/2014





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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 LIMITS IN AIR:

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

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	HEALTH
1	Slight Hazard	FLAMMABILITY
2	Moderate Hazard	PHYSICAL HAZARDS
3	Severe Hazard	PERSONAL PROTECTION
4	Extreme Hazard	

PERSONAL PROTECTION RATINGS:

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F			X	Consult yo for special	ur supe handli	ervisor o ng directi	SOPs ons.
Sa	fety Glasses	Splash Goggles		Shield &	r	Glove	s
	Boots	Synthetic Apron		tive Clothing Full Suit) c	Oust Resp	birator
I	ace Respirator	Dust & Vapor Half- Mask Respirator	Re	ull Face spirator	Ai	rline Hoo or SCE	

OTHER STANDARD ABBREVIATIONS:

NA	Not Available
NR	No Results
NE	Not Established
ND	Not Determined
ML	Maximum Limit
SCBA	Self-Contained Breathing Apparatus
Flam.	Flammable
Liq.	Liquid
Sol.	Solid
Tox.	Toxicity
Irrit.	Irritation
Sens.	Senitization
Ox.	Oxidizing
Corr.	Corrosion
Repr.	Reproductive (Harm)
Asp.	Aspiration
Inh.	Inhalation
Dam.	Damage
STOT SE	Specific Target Organ Toxicity – Single Exposure
STOT RE	Specific Target Organ Toxicity – Repeated Exposure

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILI	FLAMMABILITY LIMITS IN AIR:				
Autoignition	Minimum temperature required to initiate combustion in air with no other source				
Temperature	of ignition				
LEL					
	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				
	explode of 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 ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
	S
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 _{lo} , LD _{lo} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC _o , LC _{lo} , & 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 K _{ow} or log K _{oc}	Coefficient of Oil/Water Distribution
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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
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:

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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:

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С	E	F	N	0	т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

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

	٨		\Diamond					
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environ- ment

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