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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards SDS Revision: 3.1 SDS Revision Date: 3/10/2022

		1.	PRODUC [*]	T & COM	PANY	IDE	NTIF	FICA	OIT	N				
1.1	Product Name:	DRI-TOU	CH® PLUS	RP3										
1.2	Chemical Name:	Petroleum Dis												
1.3	Synonyms:	810550,81055	51, 810551PLAS	S, 810558, 810	0558PLA	S, 8105	558OP	EN, 8	10558F	FLAM				
1.4	Trade Names:	Dri-Touch® Pl												
1.5	Product Use:		netrate, Displac	e Water, Prote	ct Surfac	es fron	n Corro	osion						
1.6	Distributor's Name:	Birchwood La	boratories LLC											
1.7	Distributor's Address:	7900 Fuller Ro	oad, Eden Prair	ie, MN 55344	USA									
1.8	Emergency Phone:	ChemTrec +	+1 (800) 424 - 9	300 / +1 (70	3) 527-3	8887 o	r Pois	son C	ontro	l Cen	ter +1	(855)	281-1	1742
1.9	Business Phone / Fax:	+1 (952) 937-	7900 / +1 (952)	937-7979										
			2. HA	ZARDS I	DENT	IFIC	ATIO	NC						
2.1	Hazard Identification:	Prepared in a							nded	to con	nly w	th OSI	-1Δ 20	CFR 1910.1200.
		Canadian WH DANGER! M PROLONGED	MIS and Austra	alian Work Hea IF SWALLOV ED EXPOSUR	alth and S VED AND E. FLAM	Safety. DENTE MABL I	RS A	IRWAY	r. CAL	JSES I				ANS THROUGH
2.2	Label Elements:	Hazard State	ments (H): H30	04 – May be f	atal if sv	allowe							s	
		Hazard Statements (H): H304 – May be fatal if swallowed and enters airways. H372 – Causes damage to organs through prolonged or repeated exposure. H226 – Flammable liquid and vapor. Precautionary Statements (P): P210 – Keep container away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 – Keep container tightly closed. P260 – Do not breathe dust/fume/gas/mist/vapors/spray. P264 – Wash thoroughly with soap and water after handling. P270 – Do not eat, drink, or smoke when using this product. P280 – Wear protective gloves/eye protection. P319 – Get medical help if you feel unwell. P301+P316 – IF SWALLOWED: Get emergency medical help immediately. P331 – Do NOT include vomiting. P303+P361+P353 – IF ON SKIN: Take off immediately all contaminated clothing. Rinse affected areas with water, or shower. P370+P378 – In case of fire: Use carbon dioxide, foam, low velocity water fog, Halon (if permitted), or dry chemical extinguisher to extinguish. P403+P235 – Store in a well-ventilated place. Keep cool. P405 – Store locked up. P501 - Dispose of contents/container to licenses treatment, storage and disposal facility (TSDF).												
2.3	Other Warnings:				uiry invo	ving th	is pro	duct, p	lease	contac	t a ph	ysician	or loc	al poison control
			ay seek advice								·	•		·
		KEEP OUT O	F REACH OF C	HILDREN.										
		3. CC	OMPOSITI	ON & INC	GRED	ENT	INF	ORI	MAT	ION				
											IMITS II	AIR (m		_
							GIH		NOHSC	•		OSHA ppm	L.	4
						PI	pm T	ES-	ppm ES-	ES-		ppiii		-
	CAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	TWA	STEL		PEL	STEL	IDLH	OTHER
	ENT NAPHTHA	64742-88-7	WJ8930000Q	265-191-7	60-100	100	NA	100	NA	NA	500	NA	NA	
ALIPH	ROLEUM), MEDIUM IATIC	Asp. Tox. 1; S	TOT RE 1 (cns); I	H304, H372										
	YLENE GLYCOL	107-98-2	UB7700000	203-539-1	1-5	100	150	100	NF	NF	100	150	NA	
MONO	DMETHYL ETHER	Flam. Liq. 3; S	TOT SE 3; H226,	H336										
CALC	IUM SULFONATE	61789-86-4	NA	263-093-9	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
		Skin Sens. 1B		1005 455 0	14.5	(5)	(40)	(5)	L NIA	LAIA	(5)	LAIA	NIA	OII MICT
	LLATES (PETROLEUM), COTREATED HEAVY	64742-52-5	NA	265-155-0	1-5	(5)	(10)	(5)	NA	NA	(5)	NA	NA	OIL MIST
	THENIC *													
	JM ALKYLNAPHTHALENE	25619-56-1	NA	247-132-7	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
SULF			al) 4; Skin Irrit. 2;											Tou Mar
HYDR	LLATES (PETROLEUM), OTREATED LIGHT THENIC *	64742-53-6	NA	265-156-6	1-5	(5)	(10)	(5)	NA	NA	(5)	NA	NA	OIL MIST
*<3%	DMSO				-									
			4.	FIRST AI	D ME	ASU I	RES							
4.1	First Aid:	Innantian. DO										A D	-1	Control Contor or
		loc vo Eyes: If p ey a p Skin: Re sk	cal emergency miting occurs s product gets in t elid(s) open to e physician or em emove contamir	pontaneously, he eyes, flush ensure comple ergency room nated clothing a sens, contact a	nber for keep vict eyes thou te flushin immedia and wash	assista tim's he roughly g. If the tely.	nce aread low with ce eyes	nd inst vered (opious or face	ructior (forwar amou e beco soap	ns. Se rd) to re ints of ome sw and wa	eek im educe water ollen o	mediat the risl for at le luring o	e medi of asp ast 15 or or follow	cal attention. If



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		4. FIRST A	ID ME	ΔSIII	RES - C	ont'	4				
4.2	Effects of Exposure:	Eyes: Irritation upon direct or Skin: Irritation and possible Ingestion: Irritation to the gastroir Inhalation: Inhalation of high vap headache, dizziness, a	ontact. dermatitis ntestinal to or concer and disori	ract. Asp ntrations entation.	iration of m	nineral o e centra	il into the lu				
4.3	Symptoms of Overexposure:	Eyes: Redness, burning, irritation, and swelling around eyes. Skin: Redness, burning, itching, rash, and scaling of the skin (dermatitis). Ingestion: Nausea, vomiting, severe abdominal pain.									
4.4	Acute Health Effects:	Inhalation: Coughing, wheezing, swelling of throat, irritation in mucous membranes, difficulty breathing. May be fatal if swallowed and enters airways. May cause an allergic skin reaction. May be harmful if swallowed. Breathing of high vapor concentrations may cause headaches, stupor, irritation of throat and eyes, and kidney effects.									
4.5	Chronic Health Effects:	May damage the nervous system, I	idney an	d/or liver	•						
4.6	Target Organs: Medical Conditions	Eyes, skin, lungs.	nonvollo	ovetem	(CNS) dia	0000	LICALTII				4
•••	Aggravated by Exposure:	Persons with pre-existing central neurological conditions, skin disord					HEALTH		,		1
		or impaired liver or kidney function					FLAMMA				2
						_	PHYSICA				0
						<u> </u>	PROTEC	_		IENT	В
							EYES	SKIN			
		5. FIREF	IGHTI	NG M	IEASUF	RES					
5.1	Fire & Explosion Hazards:	WARNING! Flammable liquid and could cause explosive rupture of cland open flames. Product or residu	l vapor . I osed cont e can ign	High heat ainers. <i>I</i> ite explo	t will cause Avoid all ig sively.	product	urces such	n as spa	rks, hea		
5.2 5.3	Extinguishing Methods: Firefighting Procedures:	Carbon dioxide, foam, low velocity As with any fire, firefighters should vapproved or equivalent self-contain hot oil. Hazardous decomposition oxides of carbon, and/or nitrogen,	vear appr ed breath products	opriate p ing appa may be	rotective e ratus (SCB released.	quipmer 3A) and p Thermal	nt including protective of degradati	a MSHA clothing. on may	VNIOSH Treat as produce	6	1 0
		safe distance. Keep containers or exposed surfaces and to protect p dilution from entering sewers, drain	ool until w ersonal.	vell after Fight fire	the fire is e upwind.	out. Us Preven	se water sp t runoff fro	oray to o	cool fire-	-	<u> </u>
6.1	Spills:	safe distance. Keep containers or exposed surfaces and to protect p dilution from entering sewers, drain 6. ACCIDENT Before cleaning any spill or leak, inc	ool until wersonal. s, drinking AL RI	vell after Fight fire g water s ELEA nvolved i	the fire is e upwind. supply, or a SE MEAn spill clear	out. Us Preven Iny natur ASUF The properties of the second secon	se water specific runoff from all waterwaters RES t wear app	oray to omegay.	cool fire- control or	r	ctive Equipmen
6.1	Spills:	safe distance. Keep containers or exposed surfaces and to protect p dilution from entering sewers, drain 6. ACCIDENT	TAL RI Ividuals in y goggles tective ector sand to saterials (et area and y non-specific recovers)	vell after Fight fin g water s ELEA nvolved i and face quipment soak up t e.g., orga d keep u parking t as much	the fire is e upwind. Supply, or a SE MEAn spill clear e shield; us including the product anics such a inauthorize tools. Weafree liquid	out. Us Preven iny natural ASUF nup mus se gloves at and platas oil) av d person ar approd I as pos	se water sponsor and waterware sponsor and other sponsor and other sponsor and protect and protect sponsor and protect sponsor and protect sponsor and	ropriate r protect ropriate r protect ive eyevenontainer pill. Stararea. Stactive ecollect i	Persona ive cloth wear. Ur for later y upwince Stop spill equipme n acid-re	al Protecting (e.g.	p., apron, boots on-combustible al. way from spill o ease if it can be ding respirator
6.1	Spills:	safe distance. Keep containers or exposed surfaces and to protect p dilution from entering sewers, drain 6. ACCIDENT Before cleaning any spill or leak, inc (PPE). Use safety glasses or safet etc.) to prevent skin contact. Small Spills: Wear appropriate pro inert material such as vermiculite or Large Spills: Keep incompatible m release. Isolate immediate hazard done with minimal risk. Use ONI protection as conditions warrant.	TAL RI Ividuals in y goggles tective ect sand to saterials (et area and y non-specific covers at discharge)	vell after Fight fin g water s ELEA nvolved i and face e.g., orga d keep u parking t as much ling liquic	the fire is e upwind. Supply, or a SE ME. In spill clear e shield; us including the product anics such a inauthorizetools. Weafree liquid directly in	out. Us Preven iny natur ASUF nup mus se gloves at and pla as oil) av d persor ar appro I as pos to a sew	RES t wear apps and other and protect and	ropriate r protect ropriate r protect ive eyevenontainer pill. Stararea. Stactive ecollect i	Persona ive cloth wear. Ur for later y upwince Stop spill equipme n acid-re	al Protecting (e.g.	p., apron, boots on-combustible al. way from spill o ease if it can be ding respirator
	Spills: Work & Hygiene Practices:	safe distance. Keep containers or exposed surfaces and to protect p dilution from entering sewers, drain 6. ACCIDENT Before cleaning any spill or leak, inc (PPE). Use safety glasses or safet etc.) to prevent skin contact. Small Spills: Wear appropriate pro inert material such as vermiculite or Large Spills: Keep incompatible m release. Isolate immediate hazard done with minimal risk. Use ONI protection as conditions warrant. I absorbent to pick up residue. Avoid	TAL RI lividuals in y goggles tective ect sand to saterials (et area and y non-space) Recover at discharge STC old eye ar , drink or	well after Fight fin g water s ELEA nvolved i s and face and face e.g., orga d keep u parking t as much ping liquic DRAG and skin co	the fire is e upwind. Supply, or a SE MEAn spill clear e shield; us including the product anics such a inauthorize tools. Weaf free liquid directly in E INFO ontact. We when handle	ASUF nup mus se gloves a t and pla as oil) av d person ar appro I as pos to a sew RMA ar proteeling this	RES t wear apps and other and protect and	ropriate r protect vive eyes area. Sective excollect ince wate	Persona ive cloth wear. Ur for later y upwince Stop spil equipmen n acid-re rs.	al Protecting (e.g. lse a not r disposed and and and includesistant diling protection after here af	p., apron, boots on-combustible al. way from spill of ease if it can be ding respiratory container. Use oduct. Keep out andling. Do not
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7.1	Work & Hygiene Practices: Storage & Handling: Special Precautions:	safe distance. Keep containers or exposed surfaces and to protect p dilution from entering sewers, drain 6. ACCIDENT Before cleaning any spill or leak, inc (PPE). Use safety glasses or safet etc.) to prevent skin contact. Small Spills: Wear appropriate pro inert material such as vermiculite or Large Spills: Keep incompatible m release. Isolate immediate hazard done with minimal risk. Use ONI protection as conditions warrant. I absorbent to pick up residue. Avoid 7. HANDLING Avoid breathing mists or spray. Avoid breathing mists or spray. Avoid the reach of children. Do not eat expose to heat and flame. Use only Use and store in a cool, dry, well-verside section 10). Protect containers from	FAL RI dividuals in y goggles tective ector sand to saterials (etal area and y non-site and to saterials discharge STAL RI dividuals in y goggles tective ector sand to saterials (etal area and y non-site and y non-s	well after Fight fin g water s ELEA nvolved i and face uipment soak up t e.g., orga d keep u parking t tas much ing liquic DRAG nd skin co smoke v ated area cation (e tures abo d damage luct resic	the fire is e upwind. Supply, or a SE MEA n spill clear e shield; us including the product anics such a mauthorize tools. We a free liquid directly in E INFO when handl is. Immedia.g., local expoye 40°C (e.g. dues.	ASUF nup mus se gloves at and pla as oil) at d person ar appro l as pos to a sew RMA ar protect ing this ately cle thaust ve 120°F).	RES t wear apps and other and protect are into a composition of a composit	ropriate r protect ive eyeu ontainer pill. Stararea. Steetive ecollect is ce wate ment what was the decontainer was area.	Persona ive cloth wear. Ur for later y upwinc Stop spil equipme n acid-re rs. men hanc oroughly aminate a ay from h	al Protecting (e.g. dise a not a disposed and avide of the content	on-combustible cal. way from spill of case if it can be ding respiratory container. Use container. Use container on the container of the cont
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	8. I	EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd
8.2	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
8.3	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
8.4	Eye Protection:	Australia. 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.
8.6	Body Protection:	Not required under normal conditions of use. A chemical resistant apron and/or protective clothing are recommended when handling or using large quantities (e.g., > 5 gallons (18.9 L)) of this product.
	-	9. PHYSICAL & CHEMICAL PROPERTIES
9.1	Appearance:	Brown liquid
9.2	Odor:	Kerosene odor
9.3	Odor Threshold:	NA NA
9.4	pH:	NA NA
9.5	Melting Point/Freezing Point:	-55 °C (-67 °F) – Solvent Naphtha
9.6	Initial Boiling Point/Boiling Range:	> 148.9 °C (> 300 °F)
9.7	Flashpoint:	47.2 °C (117 °F)
9.8	Upper/Lower Flammability Limits:	LEL: 1.0 %; UEL: 6.0 %
9.9	Vapor Pressure:	0.13 mmHg @ 68 °F / 20 °C – Solvent Naphtha
9.10	Vapor Density:	> 1.0 (air = 1.0)
9.11	Relative Density:	0.805
9.12	Solubility:	Immiscible (water)
9.13	Partition Coefficient (log Pow):	NA
9.14	Autoignition Temperature:	316 °C (600 °F) – Solvent Naphtha
9.15	Decomposition Temperature:	NA NA
9.16	Viscosity: Other Information:	NA Evaporation Rate: < 1.0 (ethyl ether = 1.0); VOC: 70% v/v
10.1	Stability:	10. STABILITY & REACTIVITY Stable under normal storage and use conditions.
10.2	Hazardous Decomposition Products:	Reaction with strong reducing agents and oxidizer can create a fire. Thermal decomposition may produce carbon and nitrogen oxides, hydrocarbons and/or derivatives.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Excessive heat and incompatible materials.
10.5	Incompatible Substances:	Strong reducing agents, acids, alkalis, oxidizing agents.
		11. TOXICOLOGICAL INFORMATION
11.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: NO
11.2	Toxicity Data:	Solvent Naphtha (petroleum), Medium Aliphatic: LD50 (oral, rat) > 5,000 mg/kg; Propylene Glycol Monomethyl Ether: LD50
11.3	Acute Toxicity:	(oral, rat) = 5,660 mg/kg
	Chronic Toxicity:	See Section 4.4
11.4	Suspected Carcinogen:	See Section 4.5
11.5		NA Triangle of the state of the
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.
	I Denneductive Terrisitus	This product is not reported to cause reproductive effects in humans.
	Reproductive Toxicity:	
11.7	Irritancy of Product:	See Section 4.2
11.7 11.8	Irritancy of Product: Biological Exposure Indices:	
	Irritancy of Product:	See Section 4.2
11.8	Irritancy of Product: Biological Exposure Indices:	See Section 4.2 NE Treat symptomatically.
11.8	Irritancy of Product: Biological Exposure Indices:	See Section 4.2 NE Treat symptomatically. 12. ECOLOGICAL INFORMATION This product is expected to have a low potential to degrade and thus is expected to persist in the environment. □Do not
11.8	Irritancy of Product: Biological Exposure Indices: Physician Recommendations:	See Section 4.2 NE Treat symptomatically. 12. ECOLOGICAL INFORMATION This product is expected to have a low potential to degrade and thus is expected to persist in the environment. □Do not allow to enter into soil/subsoil. If product enters soil, it will be mobile and may contaminate groundwater.
11.8 11.9 12.1	Irritancy of Product: Biological Exposure Indices: Physician Recommendations: Environmental Stability:	See Section 4.2 NE Treat symptomatically. 12. ECOLOGICAL INFORMATION This product is expected to have a low potential to degrade and thus is expected to persist in the environment. □Do not



Other Requirements:

SAFETY DATA SHEET

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Prepared to OSHA ACC ANSI WHSR WHMIS GHS & FU Standards

SDS Revision Date: 3/10/2022

Prep	ared to OSHA, ACC, ANS	I, WHSR, WHMIS, GHS & EU Standards	SDS Revision: 3.1	SDS Revision Date: 3/10/2022
		13. DISPOSAL CONSI	DERATIONS	
3.1	Waste Disposal:	Review current local, state and federal laws, codes, s disposal method for the ingredients listed in Section 2 federal laws and regulations. Contact the appropriate disposal of hazardous waste must be provided by a li	statutes and regulations to det 2. Any disposal practice must l e agency for specific informati	be in compliance with local, state, ar on. Treatment, transport, storage ar
3.2	Special Considerations:	U.S. EPA Hazardous Waste Number D001 (Ignitabilit waste with extractable barium of 100 ppm or gre Characteristic – Barium).		
		14. TRANSPORTATION I	NFORMATION	
		ber, proper shipping name, hazard class & division, pa required by 49 CFR, IATA/ICAO, IMDG and the CTD0		h mode of transportation. Additional
14.1	49 CFR (GND):	NOT REGULATED PER 49 CFR 173.150(f)(2) – NOI UN1993, FLAMMABLE LIQUIDS, N.O.S. (SOLVENT	N-BULK PKG VOL ≤ 119 U.S. NAPHTHA), 3, III (LTD QTY -	
14.2	IATA (AIR):	ID8000, CONSUMER COMMODITY, 9 (IP VOL \leq 0.5 UN1993, FLAMMABLE LIQUIDS, N.O.S. (SOLVENT		- IP VOL ≤ 1.0 L)
14.3	IMDG (OCN):	UN1993, FLAMMABLE LIQUIDS, N.O.S. (SOLVENT	NAPHTHA), 3, III (LTD QTY -	· IP VOL ≤ 5.0 L)
4.4	TDGR (Canadian GND):	UN1993, FLAMMABLE LIQUIDS, N.O.S. (SOLVENT	NAPHTHA), 3, III (LTD QTY -	· IP VOL ≤ 5.0 L)
4.5	ADR/RID (EU):	UN1993, FLAMMABLE LIQUIDS, N.O.S. (SOLVENT	NAPHTHA), 3, III (LTD QTY -	
14.6	SCT (MEXICO):	UN1993, LIQUIDOS INFLAMMABLES, N.E.P. (NAFT (CANTIDAD LIMITADA-IP VOL ≤ 5.0 L)	TA SOLVENTE), 3, III	
14.7	ADGR (AUS):	UN1993, FLAMMABLE LIQUIDS, N.O.S. (SOLVENT	NAPHTHA), 3, III (LTD QTY -	- IP VOL ≤ 5.0 L)
		15. REGULATORY INF	ORMATION	
15.1	SARA Reporting Requirements:	This product contains Propylene Glycol Monomethy requirements.		o SARA Title III, section 313 reporting
15.2	SARA TPQ:	NA		
5.3	TSCA Inventory Status:	The components of this product are listed on the TS	CA Inventory.	
5.4	CERCLA Reportable Quantity:	NA		
5.5	Other Federal Requirements: Other Canadian Regulations:	NA This is a second of the sec		# ODO 1: I
0.0	Other Canadian Regulations.	This product has been classified according to the hall of the information required by the HPR. The DSL/NDSL. None of the components of this produWHMIS Class B3 (Flammable). WHMIS Class D2B	components of this product uct are listed on the Priorities	are listed on the Substances List.
15.7	State Regulatory Information:	Propylene Glycol Monomethyl Ether is found on the Massachusetts Hazardous Substances List (MA), Massachusetts (MA), and Washington Permissible Expos	ne following state criteria lists Minnesota Hazardous Substan ures List (WA).	: Florida Toxic Substances List (FL ces List (MN), Pennsylvania Right-t
		No other ingredients in this product, present in a corciteria lists: California Proposition 65 (CA65), Dela List (FL), Massachusetts Hazardous Substances List Substances List (MN), New Jersey Right-to-Know List (PA), Washington Permissible Expoduct does not contain any chemicals known to the	aware Air Quality Managemer t (MA), Michigan Critical Subsi List (NJ), New York Hazardou (posures List (WA), Wisconsin	nt List (DE), Florida Toxic Substanc tances List (MI), Minnesota Hazardo s Substances List (NY), Pennsylvar Hazardous Substances List (WI). Tl

more information go to www.P65Warnings.ca.gov.

product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For

This product is found on the following inventory lists: Australia - AICS, China – IECSC, Europe – ELINCS/EINEC, Japan – ENCS; Korea – KECI; New Zealand – NZIoC; {Philippines – PICCS; USA – TSCA.



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		16. OTHER INFO	ORMATION
16.1	Other Information:	PROLONGED OR REPEATED EXPOSURE. FL surfaces, sparks, open flames and other ignition dust/fume/gas/mist/vapors/spray. Wash thorough using this product. Wear protective gloves/eye emergency medical help immediately. Do NOT clothing. Rinse affected areas with water, or sho	AND ENTERS AIRWAY. CAUSES DAMAGE TO ORGANS THROUGH AMMABLE LIQUID AND VAPOR. Keep container away from heat, hot in sources. No smoking. Keep container tightly closed. Do not breather ally with soap and water after handling. Do not eat, drink, or smoke when protection. Get medical help if you feel unwell. IF SWALLOWED: Get include vomiting. IF ON SKIN: Take off immediately all contaminated ower. In case of fire: Use carbon dioxide, foam, low velocity water fog, it to extinguish. Store in a well-ventilated place. Keep cool. Store locked
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	government regulations must be reviewed for Technologies' knowledge, the information containsuitability or completeness is not guaranteed an The information contained herein relates only to the second seco	OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other applicability to this product. To the best of ShipMate's & Birchwood ined herein is reliable and accurate as of this date; however, accuracy, d no warranties of any type, either expressed or implied, are provided. he specific product(s). If this product(s) is combined with other materials, Data may be changed from time to time. Be sure to consult the latest
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	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

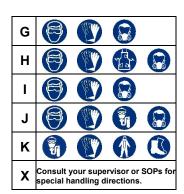
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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



PERSONAL PROTECTION RATINGS:

Α			
В			
С			
D			
Е			
F		TT.	





OTHER STANDARD ABBREVIATIONS:

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

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILI	TY LIMITS IN AIR:
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
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	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:

Minimal Hazard		FLAMMABILITY		
1	Slight Hazard	\ \ \		
2	Moderate Hazard	REACTIVITY		
3	Severe Hazard			
4	Extreme Hazard			
ACD	Acidic	\sim 2		
ALK	Alkaline			
COR	Corrosive	/ \ \ \ \		
₩	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 _{lo}	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, TCo, LCio, & LCo				
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	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	PSL Canadian Priority Substances List				
TSCA	TSCA U.S. Toxic Substance Control Act				
EU	J European Union (European Union Directive 67/548/EEC)				
WGK	Wassergefährdungsklassen (German Water Hazard Class)				

0	(4)	(2)		Θ	(4)		(Ř)
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