

Page 1 of 5 **BC-045**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 10/25/2018

		1.	PRODUCT	T & COM	PANY	IDE	NTIF	FICA	TIO	N				
1.1	Product Name:	WALNUT	WOOD ST	AIN										
1.2	Chemical Name:	NA												
1.3	Synonyms:	24123												
1.4	Trade Names:	Walnut Wood	Stain											
1.5	Product Use:	Wood Stain												
1.6	Distributor's Name:	Birchwood Ca	, ,											
1.7	Distributor's Address:	3260 Winpark Drive, New Hope, MN., 55427 USA ChemTrec +1 (800) 424-9300 / +1 (703) 527-3887 or Poison Control Center +1 (866) 291-7152												
1.8	Emergency Phone:	ChemTrec +	<u>+1 (800) 424-93</u>	300 / +1 (703) 527-38	887 or	Poiso	on Co	ntrol	Cent	er +1	(866)	291-7°	152
1.9	Business Phone / Fax:	+1 (952) 388-	6717											
			2 НД	ZARDS II	DENT	IFIC	ΔΤΙζ	N						
2.1	Hazard Identification:	This product is classified as a HAZARDOUS SUBSTANCE but not as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). WARNING! CAUSES EYE IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. MAY BE HARMFUL IF INHALED.												
2.2	Label Elements:	Classification: Eye Irrit. 2B, Skin Irrit. 1B, Acute Tox. 5 Hazard Statements (H): H320 – Causes eye irritation. H317 – May cause an allergic skin reaction. H333 – May be harmful if inhaled. Precautionary Statements (P): P261 – Avoid breathing dust/fume/mist/vapor. P264 – Wash thoroughly after handling. P272 – Contaminated clothing should not be allowed out of the workplace. P280 – Wear protective gloves. P302+P352 – IF ON SKIN: Wash with plenty of water. P333+P313 – If skin irritation or rash occurs: Get medical advice. Attention. P321 – Specific treatment see section 4 of this SDS. P304+P312 – IF INHALED: Call a POISON CENTER/doctor if you feel unwell. 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. P501 - Dispose of contents/ container to an approved waste												
2.3	Other Warnings:	disposal plant	F REACH OF CH	HII DREN										
		1												
		3. C	OMPOSITION	ON & ING	REDI	ENT	INF	ORI	ΛAΤ	ION				
											IMITS	N AIR (m	g/m³)	
						AC			NOHSC			OSHA		
						pp	om	ES-	ppm ES-	ES-		ppm	1	
CHEM	CAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	TWA	STEL	PEAK	PEL	STEL	IDLH	OTHER
PROP	RIETARY INGREDIENTS	NA	NA	NA	70-100	NA	NA	NF	NF	NF	NA	NA	NA	
		Eye Irrit. 2B; \$ 5413-75-2	Skin Irrit. 1B; Acute	Tox. 5; H320, H3 226-502-1	317, H333 0-0.1	NA	NA	NF	NF	NF	NA	l NA	NA	
ACID	RED 73	3413-73-2	INA	220-302-1	0-0.1	INA	INA	INI	INI	INI	INA	INA	INA	
			4.	FIRST AII	- NAE									
4.1	First Aid:	Ingestion:			ノ MF	\SU F	RES							
		Eyes: Skin: Inhalation:	telephone number spontaneously, If product gets holding eyelid(suse, consult a premove contart prompt medical Remove victim	CE VOMITING ber for assistat keep victim's h in the eyes, flu) open to ensu hysician or em minated clothin attention. Do to fresh air a	G. Continue and lower ush eyes ure composer gency and work wear tonce.	act Poi instruct ered (fo thorou lete flus room in ash aff contar	ison C tions. orward ughly v shing. mmedi ected minate uthing	control Seek) to red vith co If the iately. areas d cloth is diffi	immeduce the pious eyes of with sing uncount, and the content of the country and the country a	diate ne risk amour or face oap a til afte dminis	nedica of asp nts of become nd wa r it has ster su	I attent piration water f me swo ter. If s been	tion. If i. for at leading to the control of the co	ocal emergency vomiting occurs east 15 minutes, iring or following in persists, seek by cleaned. exygen and seek
4.2	Effects of Exposure:	Skin: Inhalation:	telephone number spontaneously, If product gets holding eyelid(suse, consult a premove contart prompt medical Remove victim immediate med	CE VOMITING per for assistant keep victim's h in the eyes, fluct open to ensure chysician or em minated clothin attention. Do to fresh air a ical attention.	G. Continue and low- ush eyes are compinergency and work wear tonce. If breathing and the continue and the	act Poi instruct ered (fo thorou lete flus room in ash aff contar If brea ng stop	son Ctions. brward ughly v shing. mmediected minate uthing bs, per	control Seek) to red vith co If the iately. areas d cloth is diffir	immeduce the pious eyes of with some time under the cult, a rtificial	diate none risk amour face oap a til afte dminis	nedica of asp nts of becond and wa rit has ster su ration.	Il attent piration water f me swo ter. If s been uppleme	tion. If i. for at leading dusing displaying	vomiting occurs east 15 minutes, iring or following n persists, seek y cleaned. xygen and seek
4.2	Effects of Exposure:	Skin: Inhalation: Ingestion: Eyes: Skin:	telephone number spontaneously, If product gets holding eyelid(suse, consult a prompt medical Remove victim immediate med Irritation to the cause lung dam Irritation upon duay be irritating some sensitive	ce vomiting ber for assistat keep victim's h in the eyes, fluctor open to ensure chysician or em minated clothin attention. Do to fresh air a ical attention. gastrointestina nage. lirect contact. S g to skin. The individuals.	G. Continue and nead lownush eyes are compinergency ag and with not wear tonce. If breathial tract. The symptom is product.	act Poi instructered (for thorousete flus room in ash aff contar If brea ng stop this ma s may in can ca	ison C tions. prward ughly v shing. mmedi ected minate athing os, per iterial d include	control Seek) to receivith co- lf the iately. areas d cloth is diffi- form a can en	immeduce the pious eyes of with sing uncult, a reficial ter the skin reference to the sk	diate no risk amount face soap a til afte dminist respire lungs aring, eaction	nedical of aspects of become the become the ster suration. The ster suration of the ster sura	al attent piration water if me swo iter. If is been ipplement ing swa iss and g., rash	tion. If i. for at leading to the control of the co	vomiting occurs east 15 minutes, uring or following n persists, seek y cleaned. exygen and seek or vomiting and
4.2	Effects of Exposure: Symptoms of Overexposure:	Skin: Inhalation: Ingestion: Eyes: Skin: Inhalation:	telephone number spontaneously, If product gets holding eyelid(suse, consult a prompt medical Remove victim immediate med Irritation to the cause lung dam Irritation upon duay be irritating some sensitive Inhalation may	CE VOMITING per for assistant keep victim's him the eyes, fluction of the eyes	G. Contince and head lownush eyes are compinergency ag and with not wear tonce. If breathial tract. The compinergency are tonce, and tract. The compinergency are to the reaching to the reaching to the reaching to the reaching and the continuous area to the reaching to t	act Poi instructered (for thorousete flus room in ash aff contar If brea ng stop this ma s may in can ca	ison C tions. prward ughly v sehing. mmed fected minate athing os, per iterial d include ause al	sontrol Seek) to receivith co- If the iately. areas d cloth is diffi- form a can en	immeduce the pious eyes of with sing uncult, a reficial ter the skin reference to the sk	diate no risk amount face soap a til afte dminist respire lungs aring, eaction	nedical of aspects of become the become the ster suration. The ster suration of the ster sura	al attent piration water if me swo iter. If is been ipplement ing swa iss and g., rash	tion. If i. for at leading to the control of the co	vomiting occurs east 15 minutes, iring or following n persists, seek y cleaned. xygen and seek or vomiting and g.
	·	Skin: Inhalation: Ingestion: Eyes: Skin: Inhalation: Ingestion:	telephone number spontaneously, If product gets holding eyelid(suse, consult a prompt medical Remove victim immediate med Irritation to the cause lung dam Irritation upon duay be irritating some sensitive Inhalation may Nausea, intesting spontant production in the cause lung dam Irritation upon duay be irritating some sensitive Inhalation may describe the spontant production in the spontant produ	ce vomiting ber for assistat keep victim's h in the eyes, fluctory open to ensure control o	G. Contince and nead lownush eyes ure compinergency ag and winot wear tonce. If breathial tract. The symptomer product to the revomiting	act Poi instructered (for thorousete flus room in ash aff contar If brea ng stop this ma s may in can ca espirato and/or	ison C tions. Drward ughly v shing. mmedi ected minate athing os, per iterial of include ause al	control Seek) to receivith co- lif the iately. areas d cloth is diffired form a can en e sting llergic et (nose	immeduce the pious eyes of with sing uncult, a rtificial ter the skin rea, throa	diate no risk amount face soap a til afte dminist respire lungs aring, eaction	nedical of aspects of become the become the ster suration. The ster suration of the ster sura	al attent piration water if me swo iter. If is been ipplement ing swa iss and g., rash	tion. If i. for at leading to the control of the co	vomiting occurs east 15 minutes, iring or following n persists, seek y cleaned. xygen and seek or vomiting and g.
	·	Skin: Inhalation: Ingestion: Eyes: Skin: Inhalation:	telephone number spontaneously, If product gets holding eyelid(suse, consult a prompt medical Remove victim immediate med Irritation to the cause lung dam Irritation upon duay be irritating some sensitive Inhalation may Nausea, intestir Overexposure in	ce vomiting ber for assistat keep victim's h in the eyes, fluctor open to ensure control op	G. Continue and lower and	act Poi instructered (for thorousete flus room in ash aff contar If brea ng stop this ma s may in can ca espirato and/or ess, ito	ison C tions. Drward ughly v shing. mmedi ected minate thing os, per iterial of include the pry trace	control Seek) to rec vith co If the iately. areas d cloth is diffir form a can en e sting llergic et (nose nd war	immeduce the pious eyes of with sing uncult, a rtificial ter the skin reside, throase, throase.	diate none risk amount face soap a till after dminist respiration, eaction at and	nedica of asp nts of become rit has ster su ration. s durin rednes ns (e.g	al attent piration water if me swo iter. If s been ipplemand ng swa ss and g., rash	tion. If it is in the control of the	vomiting occurs east 15 minutes, iring or following n persists, seek y cleaned. xygen and seek or vomiting and g.



Page 2 of 5 **BC-045**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 10/25/2018

	T	4. FIRST A										
4.4	Acute Health Effects:	Non-irritating when used as directed		rate irrita	tion to eye	es and s	kin near aff	ected ar	eas.			
4.5	Chronic Health Effects:	None reported by the manufacture										
4.6	Target Organs:	Eyes, Skin, Lungs, Liver, Kidney,										
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing skin, eye, respiratory, or kidney disease.	, CNS, bor	ne-marro	w disorde							1
		of Nuriey disease.				FLAMM	ABILIT'	Υ			0	
							PHYSIC	AL HA	ZARDS			0
							PROTE	CTIVE	FQUIPN	IFNT		В
							EYES	SKIN	,			
											ı	
		5. FIREI	FIGHTI	NG M	IEASU	RES						
5.1	Fire & Explosion Hazards:	This product is not flammable.										
5.2	Extinguishing Methods: Firefighting Procedures:	CO ₂ , Halon (if permitted), Dry Che As in any fire, wear MSHA/NIO										
		demand) and full protective gear. spray to cool fire-exposed surface fire control or dilution from entering Firefighters must use full bunker to breathing apparatus to protect again and oxygen deficiencies.	s and to p g sewers, gear inclu	rotect pe drains, d ding NIO	ersonal. F Irinking wa SH-appro	ight fire ater sup wed pos	upwind. Property or any strict in the pressure of the pressure	revent ru natural v ure self-c	inoff from vaterway contained		1	0
		6. ACCIDEN	TAL RI	ELEA	SE ME	ASU	RES			•		
6.1	Spills:	Before cleaning any spill or lea						wear a	opropriat	e Perso	onal Pr	otectiv
		For small spills (e.g., < 1 gallor Maximize ventilation (open door appropriate closed container(s) for Wash all affected areas and out clothing and wash thoroughly befor large spills (e.g., ≥ 1 gallon material (e.g., sand or earth). Tracontainers for proper disposal. I water. Keep spills and cleaning response to the spills and cleaning response.	es and wir or disposal tside of co ore reuse. (3.79 L)), ansfer liqu Remove co	ndows). Disposontainer deny er id to con ontamina	Remove se of propo with plen atry to all tainers for ated clothi	spilled erly in act ty of war unprote r recove ing prom	material water a material water a cted individing or disposantly and water and water a material water a mate	with abso with loca and soap luals. D sal and s ash affe	orbent mal, state a po. Removed and solid dikirected skir	aterial nd fede ove any contain ng mate	and place ral regular	ace in ulation minate ith ine epara
7.1	Work & Hygiene Practices:	7. HANDLING Eating, drinking and smoking sh						rial is ha	andled, s	stored a	and pro	cesse
		Workers should wash hands and a avoid breathing vapor or mist.	face befor . Wash ur	e eating, nintention	drinking a	and smo	king Do roap and wa	not inges irm wate	st. Avoid er.	contact	with ey	es, sl
7.2	Storage & Handling:	and avoid breathing vapor or mist. Wash unintentional residues with soap and warm water. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (See Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent							k. Keep	contain	er tightl	
			d container	s.								p
' .3	Special Precautions:	leakage. Do not store in unlabeled Empty containers may contain pro										
.3	Special Precautions:	leakage. Do not store in unlabeled Empty containers may contain pro	duct resid	ue.								
7.3		leakage. Do not store in unlabeled	duct resid	ue.	RSON	AL P	ROTEC	TION				
7.3	Exposure Limits:	leakage. Do not store in unlabeled Empty containers may contain pro	duct resid	ue. & PE	RSON	NOHSC		TION	OSHA		OTHER	
		leakage. Do not store in unlabeled Empty containers may contain pro	ROLS	ue. & PE	RSON es-twa		ROTEC ES- PEAK	TION		IDLH	OTHER	
	Exposure Limits:	leakage. Do not store in unlabeled Empty containers may contain pro	ROLS	& PE		NOHSC ES-	ES-		OSHA	IDLH NA	OTHER	
.1	Exposure Limits:	leakage. Do not store in unlabeled Empty containers may contain pro 8. EXPOSURE CONT CHEMICAL NAME(S)	ROLS ACG TLV NA or natural remove a	WE. STEL NA Ventilation preventing preventilation preventilatio	ES-TWA NF on is suff ent buildu	NOHSC ES- STEL NF icient w	ES- PEAK NF hen this pr	PEL NA oduct is	STEL NA in use. ated fror	NA Use Ion the h	ocal or	gene
.1	Exposure Limits: ppm (mg/m³) Ventilation & Engineering	leakage. Do not store in unlabeled Empty containers may contain pro 8. EXPOSURE CONT CHEMICAL NAME(S) NA General mechanical (e.g., fans) of exhaust ventilation to effectively	ROLS ACG TLV NA or natural remove a potamination is required protection.	STEL NA ventilation equiprimed undon autho	ES-TWA NF on is suffent buildu ment is av er typical rized per	NOHSC ES- STEL NF icient was pof variable (I circum U.S. (ES- PEAK NF hen this pr pors or mis e.g., sink, s stances of OSHA's red	PEL NA oduct is st gener afety sh use or	STEL NA in use. ated from ower, eye handlin nt in 29	NA Use to the he-wash g. If CFR	ocal or	gene
	Exposure Limits: ppm (mg/m³) Ventilation & Engineering Controls:	leakage. Do not store in unlabeled Empty containers may contain pro 8. EXPOSURE CONT CHEMICAL NAME(S) NA General mechanical (e.g., fans) of exhaust ventilation to effectively product. Ensure appropriate decontained in the special respiratory protection necessary, use only respiratory §1910.134, or applicable U.S. sta	ROLS ACG TLV NA or natural remove a contamination is require protection atter regulate on the use	WE. REL NA Ventilati and previon equipri ired und on autho ions, or to	ES-TWA NF on is suffent buildument is aver typical rized per the approproduct, s	NOHSC ES- STEL NF icient was allable (I circum U.S. Coriate sta	ES- PEAK NF hen this pr pors or mis e.g., sink, s stances of DSHA's recandards of	PEL NA oduct is st generafety shouse or quiremer Canada	osha stel NA in use. ated fror ower, eye handlin nt in 29 , its provi	NA Use Iden the he-wash g. If CFR inces,	ocal or	gene
3.2	Exposure Limits: ppm (mg/m³) Ventilation & Engineering Controls: Respiratory Protection:	leakage. Do not store in unlabeled Empty containers may contain pro 8. EXPOSURE CONT CHEMICAL NAME(S) NA General mechanical (e.g., fans) exhaust ventilation to effectively product. Ensure appropriate deco No special respiratory protection necessary, use only respiratory §1910.134, or applicable U.S. sta E.C. member states, or Australia. Avoid eye contact. Depending of necessary, refer to U.S. OSHA 2	TROLS ACG TLV NA or natural remove a sontaminatic regulat regulate	we. REL NA ventilati and previon equipri ired und on autho ions, or f 1910.13:	ES-TWA NF on is suff ent buildu ment is av er typical rized per the approp product, s 3, Canadi t will occus eary, refer	NOHSC ES- STEL NF icient W Ip of va railable (I circum U.S. (priate str splash or an stand	ES-PEAK NF hen this pr pors or mis e.g., sink, s stances of DSHA's rec andards of r safety gla dards, or th use of this	PEL NA oduct is st gener afety sh use or quiremer Canada sses ma ne Europ	osha STEL NA in use. ated fror ower, eye handlin ht in 129 , its provi ay be wo pean Sta	NA Use keen the hee-wash g. If CFR inces, orn. If indard	ocal or nandling station)	gene



Page 3 of 5 **BC-045**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 10/25/2018

Supplementaries Supplement	Перс	area to Ooria, ACC, Arto	SI, NORSC, WHMIS, GRS & 12/2/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 10/25/2018
Supplementaries Supplement			9. PHYSICAL & CHEMICAL PROPERTIES
Books of Entry Stations Waster disposal Households Story Continues Waster disposal Formation Waster di	9.1	Appearance:	Brown liquid
Belief Provided College Section 4.5	9.2	Odor:	Slight
Section Processor Proces	9.3	Odor Threshold:	NA
Total point point Total product is stable under normal storage and use conditions. Total product has NOT been tested on animals to obtain toxicology data, found in scientific literature available for some of the components of the product. Total product has NOT been tested on animals to obtain toxicology data, found in scientific literature available for some of the components of the product. Total product is not reported to produce productive toxicity. Total product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature available for some of the components of the product. Total product is not reported to produce employatory. Total product is not reported to produce employatory. Total product is not reported to produce employatory feets in humans. Total product is not reported to produce employatory effects in humans. Total product is not reported to produce employatory effects in humans. Total product is not reported to product. Total product. Total product is not reported to product. Total product is not reported to product. Total product. Total product is not reported to produce employatory effects in humans. Total product is not reported to produce employatory effects in humans. Total product is not reported to cause teratogenic effects in humans. Total product is not reported to produce employatory effects in humans. Total product is not reported to pro	9.4	pH:	8.6
Ranger 100	9.5	Melting Point/Freezing Point:	NA
Boulean Comment State St	9.6		100 °C (212 °F)
Umage Name	9.7	Flashpoint:	NA
10 Nestero Deneity State	8.6		NA
1 Readew Descript: 1.01	9.9	Vapor Pressure:	NA NA
Miscible	9.10	Vapor Density:	>1
Partition Coefficient (leg P _m): NA	9.11	Relative Density:	1.01
Maccomposition Temperature: NA NA NA NA NA NA NA NA	9.12	Solubility:	Miscible
15 Decomposition Temperature: NA	.13	Partition Coefficient (log Pow):	NA NA
Miscosity Na	9.14	Autoignition Temperature:	NA NA
17 Other Information: NA 10. STABILITY & REACTIVITY 11. Stability: 12. Hazardous Decomposition Products: NA 13. Hazardous Decomposition Products: NS 14. Conditions A word: 15. Incompatible Substances: 15. Incompatible Substances: 16. Reproductive of Entry: 17. TOXICOLOGICAL INFORMATION 18. Absorption: 19. Absorption: 19. YES Ingestion: NO 19. Conditions of Some of the components of the product. 19. Conditions of Cardrogen: 19. Superiod Cardrogen: 19. Superiod Cardrogen: 19. Reproductive Toxicity: 19. Reproductive Toxicity: 19. Reproductive Toxicity: 19. Reproductive Toxicity: 19. This product is not reported to produce embryotoxic effects in humans. 19. Physician Recommendations: 19. Physician Recommendations: 19. Physician Recommendations: 19. Physician Recommendations: 19. DISPOSAL CONSIDERATIONS 10. Waste Disposai: Waste Disposai: Waste disposai must be in accordance with appropriate Federal, state, and local regulations.	.15	Decomposition Temperature:	NA NA
10. STABILITY & REACTIVITY 11. Stability: 12. Hazardous Decomposition Disclared: Decoults: Dec	9.16	Viscosity:	NA
Stability: This product is stable under normal storage and use conditions.	9.17	Other Information:	NA
Stability: This product is stable under normal storage and use conditions.			40. OTABILITY O BEACTIVITY
Oxides of carbon (CO, CO ₂) and other unidentified organic compounds. Oxides of carbon (CO, CO ₂) and other unidentified organic compounds. Will not occur. Open flames, high heat and direct sunlight. Incompatible Substances: Strong oxidizing agents (chlorates, nitrates, peroxides etc.), acids or alkalis. ***********************************	0.4	Oral Stern	
Okades of carboth (CO, CO2) and other uniterimited origanic compounds. Will not occur. Open flames, high heat and direct sunlight. Strong oxidizing agents (chlorates, nitrates, peroxides etc.), acids or alkalis. ***** ********* *********** ******		•	<u> </u>
Conditions to Avoid: Open flames, high heat and direct sunlight.		Products:	, , , , , , , , , , , , , , , , , , ,
Strong oxidizing agents (chlorates, nitrates, peroxides etc.), acids or alkalis. 1. TOXICOLOGICAL INFORMATION	0.3		
11. TOXICOLOGICAL INFORMATION Routes of Entry:	0.4		
Routes of Entry: Inhalation: YES Absorption: YES Ingestion: NO	10.5	incompatible Substances:	Strong oxidizing agents (chlorates, nitrates, peroxides etc.), acids or alkalis.
Routes of Entry: Inhalation: YES Absorption: YES Ingestion: NO			44 TOVICOLOGICAL INFORMATION
This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature available for some of the components of the product. See Section 4.4 Chronic Toxicity: See Section 4.5 Suspected Carcinogen: This product does not contain any chemicals known to the State of California to cause cancer or other reproductive har For more information go to www.P65Warnings.ca.gov 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. Triat product is not reported to cause teratogenic effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. The read of product: See Section 4.2 Physician Recommendations: There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. 13. DISPOSAL CONSIDERATIONS Waste Disposal: Autor Data. Toxicology data. Toxicology data. Toxicology data. Toxicology data. Toxicology data. Tox	44.4	Deutes of Entre	
available for some of the components of the product. See Section 4.4 Chronic Toxicity: See Section 4.5 Suspected Carcinogen: This product does not contain any chemicals known to the State of California to cause cancer or other reproductive har For more information go to www.P65Warnings.ca.gov 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. See Section 4.2 Biological Exposure Indices: Physician Recommendations: Treat symptomatically. There are no specific data available for this product. Effects on Plants & Animals: There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product, however, very large releases of this product may be harmful or fat to overexposed aquatic life. 13. DISPOSAL CONSIDERATIONS Waste Disposal: Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.	11.1	•	120 120 110
Acute Toxicity: See Section 4.4 Chronic Toxicity: See Section 4.5 Suspected Carcinogen: This product does not contain any chemicals known to the State of California to cause cancer or other reproductive har For more information go to www.P65Warnings.ca.gov 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. Tratatogenicity: This product is not reported to cause teratogenic effects in humans. Tratatogenicity: This product is not reported to cause teratogenic effects in humans. This product is not reported to cause teratogenic effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is not reported to cause reproductive effects in humans. This product is no	11.2	Toxicity Data:	
This product does not contain any chemicals known to the State of California to cause cancer or other reproductive har For more information go to www.P65Warnings.ca.gov 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. This product is not reported to cause reproductive effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Physicial Exposure Indices: NE Treat symptomatically. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. Maste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.	11.3	Acute Toxicity:	See Section 4.4
For more information go to www.p65Warnings.ca.gov Reproductive Toxicity: This product is not reported to produce reproductive toxicity in humans. Mutagenicity: This product is not reported to produce embryotoxic effects in humans. Embryotoxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Reproductive Toxicity: See Section 4.2 Biological Exposure Indices: NE Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION 13. Effects on Plants & Animals: There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. 13. DISPOSAL CONSIDERATIONS Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.	11.4	Chronic Toxicity:	See Section 4.5
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 teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause teratogenic effects i	11.5	Suspected Carcinogen:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harr
Mutagenicity: This product is not reported to produce embryotoxic effects in humans. 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. See Section 4.2 NE 1.7 Irritancy of Product: See Section 4.2 NE 1.9 Physician Recommendations: Treat symptomatically. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product, however, very large releases of this product may be harmful or fat to overexposed aquatic life. 13. DISPOSAL CONSIDERATIONS Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.	116	Poproductive Toxicity:	
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. See Section 4.2 NE 1.7 Irritancy of Product: See Section 4.2 NE 1.9 Physician Recommendations: Treat symptomatically. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. 13. DISPOSAL CONSIDERATIONS Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.	11.0	<u> </u>	
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. See Section 4.2 Biological Exposure Indices: NE Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION 13. Effects on Plants & Animals: There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. 13. DISPOSAL CONSIDERATIONS Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.			
Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. 1.7 Irritancy of Product: See Section 4.2 1.8 Biological Exposure Indices: NE 1.9 Physician Recommendations: Treat symptomatically. 1.1 Environmental Stability: There are no specific data available for this product. 2.1 Effects on Plants & Animals: There are no specific data available for this product. 2.2 Effects on Aquatic Life: There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. 13. DISPOSAL CONSIDERATIONS 14. Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.	ŀ		
Intritancy of Product: See Section 4.2 NE Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. 13. DISPOSAL CONSIDERATIONS Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.			
Recommendations: NE	117	<u> </u>	i i
12. ECOLOGICAL INFORMATION 12. ECOLOGICAL INFORMATION 13. Effects on Plants & Animals: There are no specific data available for this product. 14. Effects on Plants & Animals: There are no specific data available for this product. 15. Effects on Aquatic Life: There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. 16. DISPOSAL CONSIDERATIONS 17. Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.			
12. ECOLOGICAL INFORMATION 2.1 Environmental Stability: There are no specific data available for this product. 2.2 Effects on Plants & Animals: There are no specific data available for this product. 2.3 Effects on Aquatic Life: There are no specific data available for this product; however, very large releases of this product may be harmful or fato overexposed aquatic life. 13. DISPOSAL CONSIDERATIONS 3.1 Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.			
Environmental Stability: There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product, however, very large releases of this product may be harmful or fat to overexposed aquatic life. 3.1 Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.	11.9	Friysician Neconinendations.	Treat symptomatically.
Environmental Stability: There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product. There are no specific data available for this product, however, very large releases of this product may be harmful or fat to overexposed aquatic life. 3.1 Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.			12. ECOLOGICAL INFORMATION
2.2 Effects on Plants & Animals: There are no specific data available for this product. 2.3 Effects on Aquatic Life: There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. 2.4 In the product is product in the product in the product in the product is product. 2.5 In the product is product in the product in the product in the product is product in the product in the product is product in the product in the product in the product in the product is product in the product in th	12.1	Environmental Stability:	
2.3 Effects on Aquatic Life: There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life. 13. DISPOSAL CONSIDERATIONS 3.1 Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.	12.2	Effects on Plants & Animals:	
13. DISPOSAL CONSIDERATIONS 3.1 Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.	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 fat
Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.			to overexposed aquatic life.
Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.			13. DISPOSAL CONSIDERATIONS
Tracto disposal must be in accordance min appropriate i cascial, citate, and regulationer	13.1	Waste Disposal:	
	13.2		



Page 4 of 5

BC-045

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 10/25/2018 SDS Revision: 1.0 14. TRANSPORTATION INFORMATION 49 CFR (GND): 14 1 NOT REGULATED NOT REGULATED 14 2 IATA (AIR): 14.3 IMDG (OCN): **NOT REGULATED** TDGR (Canadian GND): 14.4 **NOT REGULATED** 14.5 ADR/RID (EU): NOT REGULATED 14.6 SCT (MEXICO): NOT REGULATED ADGR (AUS): 14.7 **NOT REGULATED** 15. REGULATORY INFORMATION 15.1 SARA Reporting This product does not contain any substance subject to SARA Title III, Section 313 reporting requirements. Requirement 15.2 SARA TPQ: This product is not subject to the reporting requirements of SARA Title III, Section 302 15.3 TSCA Inventory Status: All components of this product are listed in the TSCA Inventory or are exempt. 15.4 CERCLA Reportable Quantity: 15.5 Other Federal Requirements: Clean Water Act (CWA) 311: Discharges or spills which produce a visible sheen on waters of the United States, their adjoining shorelines, or into conduits leading to surface waters must be reported to the EPA's National Response Center at +1 (800) 424-8802. Other Canadian Regulations: 15.6 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. 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 D2B (Other Toxic Effects). 15.7 State Regulatory Information: Acid Red 73 is found on the following state criteria list: PA and NJ. No ingredients are found on 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) 15.8 Other Requirements: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to www.P65Warnings.ca.gov. 16. OTHER INFORMATION 16.1 Other Information: WARNING! CAUSES EYE IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. MAY BE HARMFUL IF INHALED. Avoid breathing dust/fume/mist/vapor. Wash thoroughly after handling. Contaminated clothing should not be allowed out of the workplace. Wear protective gloves. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice. Attention. Specific treatment see section 4 of this SDS. IF INHALED: Call a POISON CENTER/doctor if you feel unwell. 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. KEEP OUT OF REACH OF CHILDREN. 16.2 Terms & Definitions: See last page of this Safety Data Sheet. 16.3 Disclaimer This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Birchwood Casey, LLC 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. 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, LLC 3260 Winpark Drive BIRCHWOOD New Hope, MN 55427 USA Tel: +1 (952) 388-6717 Email: customerservice@birchwoodcasey.com http://www.birchwoodCasey.com 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 Training & Consulting http://www.shipmate.com



Page 5 of 5

BC-045

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

SDS Revision: 1.0

SDS Revision Date: 10/25/2018

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

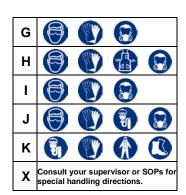
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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



PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE STATE OF THE S	
D		THE STATE OF THE S	
Е			
F		THE PERSON NAMED IN COLUMN TO PERSON NAMED I	





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	Minimum temperature required to initiate combustion in air with no other source
Temperature	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:

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

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{Io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{Io} , LD _{Io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, 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 K _{ow} or log K _{oc}	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	Canadian Priority Substances List				
TSCA	U.S. Toxic Substance Control Act				
EU	EU European Union (European Union Directive 67/548/EEC)				
WGK	Wassergefährdungsklassen (German Water Hazard Class)				

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

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

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

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