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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards

SDS Revision: 1.0

		1. P	RODUC	T & COM	PANY	IDEI	NTIF		TION	N					
1.1	Product Name:									-					
1.2	Chemical Name:	Aqueous So	-												
1.3	Synonyms:	NA													
1.4	Trade Names:	Starke Sim	nle Clean												
1.5	Product Use:		Surface cleaner												
1.6	Distributor's Name:		Surrace cleaner Starke Yacht Surface Technologies												
1.7	Distributor's Address:		17000 Alico Commerce Ct., Suite 101, Fort Myers, FL 33912												
1.8	Emergency Phone:														
1.9	Business Phone / Fax:														
1.5	Dualicas Filone / Fax.	+1 (000) 20	13-5315												
			2. HA	ZARDS I	DENT	FIC/		DN							
2.1	Hazard Identification:	1910.1200. WARNING IRRITATIO	n accordanc Canadian V i! HARMFUL DN.	e with UN G VHMIS and Au <b>IF SWALLO</b>	ilobally Haustralian W WED, IN (	armoni /ork He CONT/	ized s ealth a <b>ACT W</b>	tandar nd Saf /ITH S	ety.						
2.2	Label Elements:			x. 4 (oral, dern : H302+H312+											
		inhaled. H319 – Causes serious eye irritation. Precautionary Statements (P): P261 – Avoid breathing fume/mist/spray. P264 – Wash hands and exposed skin areas with soap and warm water thoroughly after handling. P270 – Do not eat, drink or smoke when using this product. P271 – Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301+P312 – IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P330 – Rinse mouth. P302+P352 – IF ON SKIN: Wash with soap and warm water thoroughly after handling. 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 lenses, if present and easy to do. Continue rinsing. P337+P313 – if eye irritation persists: Get medical advice/attention. P321 – For specific first aid treatment (see section 4 of this Safety Data Sheet). P362+P364 – Take off contaminated clothing and wash it before reuse. P501 – Dispose of contents/container to a licensed treatment, storage or													
		irritation pe section 4 o it before re	ersists: Get n of this Safety euse. P501 -	nedical advice Data Sheet). I – Dispose of	e/attention P362+P36	. P321 64 – Ta	– For ake off	r speci conta	ific firsi minate	t aid t d cloth	reatme iing an	ent (se id was	e h		·
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	T ==		FIRST AID										
4.2	Effects of Exposure:	Ingestion: Eyes: Skin: Inhalation:	Abdominal pain, Irritating to the e Contact with the may cause an al Irritation to the n	eyes. e skin durii llergic read	ng production in s	ict use is some ser	not ex nsitive ir	pected t ndividual	to result ls.	-	ficant irrit	ation. F	łowever,
4.3	Symptoms of Overexposure:	Ingestion: Eves: Skin:	Nausea, intestin Overexposure in Symptoms of sl Product can cau	al discom n eyes may kin overex	fort, vorr y cause xposure	iiting and redness, may inc	/or diar itching lude re	rhea. and wat dness,	tering. itching,	and irri			
4.4	Acute Health Effects:		te irritation to eye ess, dizziness, hea	es and sk	in near	affected							
4.5	Chronic Health Effects:	None known.											
4.6	Target Organs:	Eyes, Skin, Res	spiratory System,	Central No	ervous S	System (C	CNS).						
4.7	Medical Conditions Aggravated by	Pre-existing de	rmatitis, other sk	in conditio	ons, and	l disorde		HEALT	Ή				2
	Exposure:	the target organ	ns (eyes, skin, and	d respirato	ory syste	m).		FLAM	<b>ABILI</b>	TY			0
							_			AZARD	S		0
											MENT		B
								EYES	SK				
								ETES	51				
			5. FIREFIG	HTING	S ME	SUR	ES						
5.1	Fire & Explosion Hazards:		. Use media as ap										
5.2 5.3	Extinguishing Methods: Firefighting Procedures:		, foam, water spra ire, firefighters s										
		protective clot degradation ma Fire should be	approved or eq thing. Hazardous ay produce oxides fought from a sat s, drains, drinking	s decom of carbor fe distanc	position n, and/or e. Prev	product nitrogen ent runo	ts may , hydrod ff from	/ be r carbons fire cont	eleased and/or	l. Theri derivativ	mal res.	2	0
		6. A	CCIDENTAI		EASE	MEA	SUR	ES					
6.1	Spills:	Equipment. CA For <u>small spills</u> Maximize ventil absorbent mate with local, state and soap. Rem For <u>large spills</u> material (e.g., s for recovery or clothing promp	g any spill or leak <b>AUTION – may be</b> (e.g., < 1 gallon lation (open doorse rial and place into and federal regulation nove any contamir (e.g., $\geq$ 1 gallon sand or earth). Use disposal and solid ty and wash affe- tres and open bodiese	e slippery (3.8 L)) s and win o appropr lations. W hated cloth (3.8 L)), d se ONLY r d diking m ected skir	if spille wear ap dows) a iate close /ash all a hing and leny entr hon-spar aterial to h areas	d. propriate nd secur ed conta affected a wash the y to all u king tool o separat	persor re all so iner(s) areas a proughl inproteo s for reo e conta	nal prote burces of for disp nd outsid y before cted indi covery a iners for	ective ec of ignitio osal. D de of co reuse. viduals. nd clear proper	quipmen n. Rem ispose o ntainer Dike a nup. Tra disposa	t (e.g., g nove spill of properl with plent nd contai ansfer liqu I. Remov	oggles, ed mate y in acc y of wa in spill y uid to co ve conta	gloves) erial with cordance rm water with iner ontainers aminated
		7. HA	NDLING & S	STOR	AGF I	NFOF	2MAT						
7.1	Work & Hygiene Practices:	Do not eat, drin breathing of va	nk, or smoke whe apors, mists, or s Avoid breathing o	en using th pray. Avoi	nis produ id prolor	ict. Wasł iged or r	n expos repeate	ed area d skin c	ontact.	Wash h	ands afte	er handl	ing, and
7.2	Storage & Handling:	Keep container	rs sealed at all tim h food or pharmad							areas v	vhere pro	duct m	ay come
7.3	Special Precautions:		ctions on product					00		Keep this	s and all o	chemica	als out o
							חח ו	<u>отг</u> /	יסידי	NI			
		EVENOR											
8.1	Exposure Limits: ppm (mg/m <sup>3</sup> )			ACG	IH	ES-	NOHSC ES-	ES-		OSHA	Τ	OTHER	<u>l</u>
	.,	CHEMICAL NAME(S	5)	TLV	STEL	TWA	STEL	PEAK	PEL	STEL	IDLH		
			COL MONO-	50	75	(20)	96.9	NA	50	75	700		
8.2	Ventilation & Engineering Controls:	Use in an enclo	riate local exhaus osed process area or no air moveme	a is recom									



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		POSURE CONTROLS & PERSONAL PROTECTION – cont'd
3	Respiratory Protection:	Avoid breathing of vapors, mists or spray. No special respiratory protection is required under
		typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state
		regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or
		Australia.
4	Eye Protection:	
		<b>AVOID EYE CONTACT</b> . Wear safety glasses. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166.
5	Hand Protection:	AVOID SKIN CONTACT. Select and use gloves and/or protective clothing to prevent skin
		contact based on the results of an exposure assessment. Consult with your glove and/or
		protective clothing manufacturer for selection of appropriate compatible materials. Gloves made from the following material(s) are recommended: Nitrile Rubber. If necessary, refer to
		U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member
		states.
.6	Body Protection:	No special body protection is required under typical circumstances of use and handling. If
		necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA.
4	Anneeven	9. PHYSICAL & CHEMICAL PROPERTIES
1 2	Appearance: Odor:	Yellow liquid Slight characteristic
3	Odor Threshold:	NA
4	pH:	12.5-13
5	Melting Point/Freezing Point:	NA
6	Initial Boiling Point/Boiling Range:	NA
7	Flashpoint:	121.11°C (250°F)
8	Upper/Lower Flammability Limits:	NA
9	Vapor Pressure:	NA
10	Vapor Density:	NA
11	Relative Density:	1.0
12	Solubility:	Soluble
13	Partition Coefficient (log Pow):	NA
14	Autoignition Temperature:	NA
15	Decomposition Temperature:	NA
16	Viscosity:	NA
17	Other Information:	Evaporation Rate: Negligible. VOC: 0.001-0.005%
		10. STABILITY & REACTIVITY
0.1	Stability:	
0.1	Hazardous Decomposition Products:	Stable under ambient conditions when stored properly (see section 7, Storage and Handling)
0.2	nazardous Decomposition Products.	If exposed to extremely high temperatures, the products of thermal decomposition may include irritation vapors and nitrogen and carbon oxide gases (e.g., NO <sub>x</sub> , CO, CO <sub>2</sub> ).
0.3	Hazardous Polymerization:	Hazardous polymerization will not occur.
0.4	Conditions to Avoid:	High temperatures and incompatible substances.
).5	Incompatible Substances:	Strong oxidizing agents.
	·	
		11. TOXICOLOGICAL INFORMATION
1.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: YES
	Routes of Entry: Toxicity Data:	Inhalation:         YES         Absorption:         YES         Ingestion:         YES           This product has NOT been tested on animals to obtain toxicology data.         Toxicology data, found in scientific         Toxicology data, found in scientific
1.1 1.2		This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product and is presented below:
		This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientifi literature, is available for some of the components of the product and is presented below: <u>Ethylene Glycol Mono-Butyl Ether</u> : $LD_{50}$ (oral, rat) = 470 mg/kg; $LC_{50}$ (inh-4h, rat) = 450 ppm; ACGIH – Biologica
		This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientifi literature, is available for some of the components of the product and is presented below: <u>Ethylene Glycol Mono-Butyl Ether</u> : LD <sub>50</sub> (oral, rat) = 470 mg/kg; LC <sub>50</sub> (inh-4h, rat) = 450 ppm; ACGIH – Biologica Exposure Indices (BEI) 200 mg/kg; <u>Sodium Metasilicate</u> : LD <sub>50</sub> Oral-rat-male and female-1,152 -1,349 mg/kg
.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product and is presented below: <u>Ethylene Glycol Mono-Butyl Ether</u> : $LD_{50}$ (oral, rat) = 470 mg/kg; $LC_{50}$ (inh-4h, rat) = 450 ppm; ACGIH – Biological Exposure Indices (BEI) 200 mg/kg; <u>Sodium Metasilicate</u> : $LD_{50}$ Oral-rat-male and female-1,152 -1,349 mg/kg; <u>Tetrapotassium Pyropho</u> sphate: Dermal LD <sub>50</sub> (rabbit): >4640 mg/kg
.2 .3	Toxicity Data: Acute Toxicity:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientifi literature, is available for some of the components of the product and is presented below: <u>Ethylene Glycol Mono-Butyl Ether</u> : $LD_{50}$ (oral, rat) = 470 mg/kg; $LC_{50}$ (inh-4h, rat) = 450 ppm; ACGIH – Biologica Exposure Indices (BEI) 200 mg/kg; <u>Sodium Metasilicate</u> : $LD_{50}$ Oral-rat-male and female-1,152 -1,349 mg/kg; <u>Tetrapotassium Pyropho</u> sphate: Dermal $LD_{50}$ (rabbit): >4640 mg/kg See Section 4.4
.2 .3 .4	Toxicity Data: Acute Toxicity: Chronic Toxicity:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientifi literature, is available for some of the components of the product and is presented below: <u>Ethylene Glycol Mono-Butyl Ether</u> : $LD_{50}$ (oral, rat) = 470 mg/kg; $LC_{50}$ (inh-4h, rat) = 450 ppm; ACGIH – Biologica Exposure Indices (BEI) 200 mg/kg; <u>Sodium Metasilicate</u> : $LD_{50}$ Oral-rat-male and female-1,152 -1,349 mg/kg; <u>Tetrapotassium Pyropho</u> sphate: Dermal $LD_{50}$ (rabbit): >4640 mg/kg See Section 4.4 See Section 4.5
.2 .3 .4 .5	Toxicity Data: Acute Toxicity: Chronic Toxicity: Suspected Carcinogen:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientifi literature, is available for some of the components of the product and is presented below: <u>Ethylene Glycol Mono-Butyl Ether</u> : LD <sub>50</sub> (oral, rat) = 470 mg/kg; LC <sub>50</sub> (inh-4h, rat) = 450 ppm; ACGIH – Biologica Exposure Indices (BEI) 200 mg/kg; <u>Sodium Metasilicate</u> : LD <sub>50</sub> Oral-rat-male and female-1,152 -1,349 mg/kg <u>Tetrapotassium Pyropho</u> sphate: Dermal LD <sub>50</sub> (rabbit): >4640 mg/kg See Section 4.4 See Section 4.5 No.
1.2 1.3 1.4 1.5	Toxicity Data: Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientifi literature, is available for some of the components of the product and is presented below: <u>Ethylene Glycol Mono-Butyl Ether</u> : LD <sub>50</sub> (oral, rat) = 470 mg/kg; LC <sub>50</sub> (inh-4h, rat) = 450 ppm; ACGIH – Biologica Exposure Indices (BEI) 200 mg/kg; <u>Sodium Metasilicate</u> : LD <sub>50</sub> Oral-rat-male and female-1,152 -1,349 mg/kg <u>Tetrapotassium Pyropho</u> sphate: Dermal LD <sub>50</sub> (rabbit): >4640 mg/kg See Section 4.4 See Section 4.5 No. This product is not reported to cause reproductive toxicity in humans.
1.2 1.3 1.4 1.5	Toxicity Data: Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientifi         literature, is available for some of the components of the product and is presented below: <u>Ethylene Glycol Mono-Butyl Ether</u> : LD <sub>50</sub> (oral, rat) = 470 mg/kg; LC <sub>50</sub> (inh-4h, rat) = 450 ppm; ACGIH – Biologica         Exposure Indices (BEI) 200 mg/kg; <u>Sodium Metasilicate</u> : LD <sub>50</sub> Oral-rat-male and female-1,152 -1,349 mg/kg         Tetrapotassium Pyrophosphate: Dermal LD <sub>50</sub> (rabbit): >4640 mg/kg         See Section 4.4         See Section 4.5         No.         This product is not reported to cause reproductive toxicity in humans.         This product is not reported to cause mutagenic effects in humans.
	Toxicity Data: Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product and is presented below:         Ethylene Glycol Mono-Butyl Ether: LD <sub>50</sub> (oral, rat) = 470 mg/kg; LC <sub>50</sub> (inh-4h, rat) = 450 ppm; ACGIH – Biologica Exposure Indices (BEI) 200 mg/kg; Sodium Metasilicate: LD <sub>50</sub> Oral-rat-male and female-1,152 -1,349 mg/kg         Tetrapotassium Pyrophosphate: Dermal LD <sub>50</sub> (rabbit): >4640 mg/kg         See Section 4.4         See Section 4.5         No.         This product is not reported to cause reproductive toxicity in humans.         This product is not reported to cause embryotoxic effects in humans.         This product is not reported to cause embryotoxic effects in humans.
I.2 I.3 I.4 I.5	Toxicity Data: Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity: Teratogenicity:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product and is presented below:         Ethylene Glycol Mono-Butyl Ether: LD <sub>50</sub> (oral, rat) = 470 mg/kg; LC <sub>50</sub> (inh-4h, rat) = 450 ppm; ACGIH – Biologica Exposure Indices (BEI) 200 mg/kg; Sodium Metasilicate: LD <sub>50</sub> Oral-rat-male and female-1,152 -1,349 mg/kg         Tetrapotassium Pyrophosphate: Dermal LD <sub>50</sub> (rabbit): >4640 mg/kg         See Section 4.4         See Section 4.5         No.         This product is not reported to cause reproductive toxicity in humans.         This product is not reported to cause embryotoxic effects in humans.         This product is not reported to cause teratogenic effects in humans.         This product is not reported to cause teratogenic effects in humans.
1.2 1.3 1.4 1.5 1.6	Toxicity Data: Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity: Teratogenicity: Reproductive Toxicity:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product and is presented below: <u>Ethylene Glycol Mono-Butyl Ether</u> : LD <sub>50</sub> (oral, rat) = 470 mg/kg; LC <sub>50</sub> (inh-4h, rat) = 450 ppm; ACGIH – Biologica Exposure Indices (BEI) 200 mg/kg; <u>Sodium Metasilicate</u> : LD <sub>50</sub> Oral-rat-male and female-1,152 -1,349 mg/kg <u>Tetrapotassium Pyropho</u> sphate: Dermal LD <sub>50</sub> (rabbit): >4640 mg/kg         See Section 4.4         See Section 4.5         No.         This product is not reported to cause reproductive toxicity in humans.         This product is not reported to cause mutagenic effects in humans.         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 teratogenic effects in humans.         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 teratogenic effects in humans.         This product is not reported to cause teratogenic effects in humans.         This product is not reported to cause teratogenic effects in humans.
1.2 1.3 1.4 1.5	Toxicity Data: Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity: Teratogenicity:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product and is presented below:         Ethylene Glycol Mono-Butyl Ether: LD <sub>50</sub> (oral, rat) = 470 mg/kg; LC <sub>50</sub> (inh-4h, rat) = 450 ppm; ACGIH – Biologica Exposure Indices (BEI) 200 mg/kg; Sodium Metasilicate: LD <sub>50</sub> Oral-rat-male and female-1,152 -1,349 mg/kg         Tetrapotassium Pyrophosphate: Dermal LD <sub>50</sub> (rabbit): >4640 mg/kg         See Section 4.4         See Section 4.5         No.         This product is not reported to cause reproductive toxicity in humans.         This product is not reported to cause embryotoxic effects in humans.         This product is not reported to cause teratogenic effects in humans.         This product is not reported to cause teratogenic effects in humans.



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# SAFETY DATA SHEET

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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards

SDS Revision: 1.0

		12. ECOLOGICAL INFORMATION					
12.1	Environmental Stability:	Ethylene Glycol Mono-Butyl Ether: 95% (DOC modified, OECD scan test/ OECD 301 static test LC <sub>50</sub> -Danio rerio (zebra fish)-210 mg/l-96 h (ISO 7346/1)	E); Sodium Metasilicate: Semi-				
12.2	Effects on Plants & Animals:	There are no specific data for this product. The following data is available for the follo	owing ingredients:				
		Ethylene Glycol Mono-Butyl Ether: LC <sub>50</sub> (Golden ide, 48 h) = 1,995 mg/L; LC <sub>50</sub> (D	aphnia magna, 24 h) = 5,000				
		mg/L. These ingredients are NOT classified as harmful to the aquatic environment per GHS, Part 4, Table 4.1.5.					
12.3	Effects on Aquatic Life:	There are no specific data available for this product; however, very large releases of	this product may be harmful or				
		fatal to overexposed aquatic life.					
		13. DISPOSAL CONSIDERATIONS					
13.1	Waste Disposal:	Waste disposal must be in accordance with appropriate Federal, state, and local regu	llations.				
13.2	Special Considerations:	Reclaim product if feasible. As a disposal alternative, dispose of waste product ir	n a facility permitted to accept				
		chemical waste.					
		14. TRANSPORTATION INFORMATION					
		proper shipping name, hazard class & division, packing group) is shown for each mod uired by 49 CFR, IATA/ICAO, IMDG and the CTDGR.	le of transportation. Additional				
14.1	49 CFR (GND):	NOT REGULATED					
14.2	IATA (AIR):	NOT REGULATED					
14.3	IMDG (OCN):	NOT REGULATED					
14.4	TDGR (Canadian GND):	NOT REGULATED					
14.5	ADR/RID (EU):	NOT REGULATED					
14.6	SCT (MEXICO):	NOT REGULATED					
14.7	ADGC (AUS):	NOT REGULATED					
15.1	SARA Reporting Requirements:	15. REGULATORY INFORMATION					
15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 r					
15.2	SARA Threshold Planning Quantity: TSCA Inventory Status:	There are no specific Threshold Planning Quantities for the components of this produ	ct.				
15.3	CERCLA Reportable Quantity (RQ):	The components of this product are listed on the TSCA Inventory.					
15.4	Other Federal Requirements:	NA This maduat dags not contain any substances identified as Uprovdeus Air Dellytents					
15.6	Other Canadian Regulations:	This product does not contain any substances identified as Hazardous Air Pollutants					
15.0	Other Canadian Regulations.	This product has been classified according to the hazard criteria of the HPR and contains all of the information required by the HPR. The components of this product on the DSL/NDSL. None of the components of this product are listed on the	t are listed				
		Substances List. WHMIS Class D2B (Other Toxic Effects)	$\mathbf{O}$				
15.7	State Regulatory Information:	<u>Tetrapotassium Pyrophosphate</u> is found on the following state criteria lists: New Jers Pennsylvania Right-to-Know List (PA).	ey Right-to-Know List (NJ) and				
		No other ingredients in this product, present in a concentration of 1.0% or greater, and	re listed on any of the following				
		state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Manage					
		Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan	Critical Substances List (MI),				
		Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List					
		Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Perm					
		Wisconsin Hazardous Substances List (WI). This product does not contain any ch California to cause cancer or other reproductive harm. For more information go to www					
15.8	Other Requirements:	This product is found on the following inventory lists: Australia - AICS, China – IEC					
		Japan – ENCS; Korea – KECI; New Zealand – NZIoC; {Philippines – PICCS; USA –					



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# SAFETY DATA SHEET

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		16. OTHER INFORMATION	
16.1	Other Information:	WARNING! HARMFUL IF SWALLOWED, IN CONTACT WITH SKIN OR IF INHALED. CAUSES SERIOUS EY IRRITATION. Read instructions before use. Do not handle until all safety precautions have been read ar understood. Avoid breathing fume/mist/spray. Wash hands and exposed skin areas with soap and warm wat thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a we ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Call POISON CENTER/doctor if you feel unwell. Rinse mouth. IF ON SKIN: Wash with soap and warm water thorough after handling. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rins cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. eye irritation persists: Get medical advice/attention. For specific first aid treatment (see section 4 of this Safety Da Sheet). Take off contaminated clothing and wash it before reuse. KEEP OUT OF REACH OF CHILDREN.	nd ter ell- l a nly se . If
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 §1910.120 Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Star Yacht Care's knowledge, the information contained herein is reliable and accurate as of this date; however accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implie are provided. The information contained herein relates only to the specific product(s). If this product(s) is combin with other materials, all component properties must be considered. Data may be changed from time to time. I sure to consult the latest edition.	rke ver, ed, ned
16.4	Prepared for:	STARKE YACHT CARE 17000 Alico Commerce Ct. Suite 101 Fort Myers, FL 33912 Tel: +1 (800) 203-5315 http://www.starkeyachtcare.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         http://www.shipmate.com	



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SDS Revision: 1.0

SDS Revision Date: 3/3/2021

# **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:

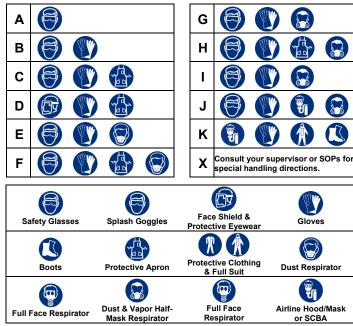
CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
	and provide oxygen to the body.

### 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 PROTECTIO
4	Extreme Hazard	

### PERSONAL PROTECTION RATINGS:



### OTHER STANDARD ABBREVIATIONS:

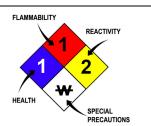
Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

### 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:

0	Minimal Hazard	FLAMMABILI
1	Slight Hazard	r LANIMADILI
2	Moderate Hazard	
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ 🗙
W	Use No Water	HEALTH
OX	Oxidizer	
TREFOIL	Radioactive	



#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	LD <sub>50</sub> Lethal Dose (solids & liquids) which kills 50% of the exposed anima		
LC <sub>50</sub> Lethal concentration (gases) which kills 50% of the exposed anim			
ppm Concentration expressed in parts of material per million parts			
TD <sub>Io</sub> Lowest dose to cause a symptom			
TCLo Lowest concentration to cause a symptom			
TD <sub>io</sub> , LD <sub>io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects		
TC, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub>			
IARC	International Agency for Research on Cancer		
NTP	National Toxicology Program		
RTECS	Registry of Toxic Effects of Chemical Substances		
BCF	Bioconcentration Factor		
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			
тс	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

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

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