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

SDS Revision: 1.0

SDS Revision Date: 4/11/2023

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$\vdash$				PRODUCT			IDEI		ICA							
1.1	Product Name:	AC	<u>CTiVE®</u>	COFFEE	DESCAL	ER										
1.2	Chemical Name:	Aqu	ueous Solutio	on												
1.3	Synonyms:	NA														
1.4	Trade Names:		TiVE <sup>®</sup> Coffee	e Descaler												
1.5	Product Use:		Cleaner													
1.6	Distributor's Name:		ive B LLC													
1.7	Distributor's Address:			St NE, Suite 1												
1.8	Emergency Phone:	_		+1 (703) 52	2 <b>7-3887</b> / + <sup>-</sup>	1 (800)	424-9	9300								
1.9	Business Phone / Fax:	Tel:	: +1 (###) ##	#-####												
				2 44	ZARDS II											
2.1	Hazard Identification:	Pro	nared in acc	ordance with L						nded to	comp	ly with	OSH	4 29 CE	R 1910.	1200
2.1		Car WA	nadian WHM	IS and Australi	ian Work Heal			4103.	inter		comp	iy with	0011/	125 01	11 1010.	1200.
2.2	Label Elements:			ents (H): H320		irritation										
2.2	Laber Elements:			tatements (P):			1 soap	and wa	ater the	orouahl	v after	handli	ina. De	0		
				P280 – Wea												
		Rin	se cautiously	with water for	several minut	es. Remo	ve con	ntact le	nses if	presei						
				g. P337+P317 ·		on persists	s: Get i	medica	ıl help.							
2.3	Other Warnings:	KEI	EP OUT OF	REACH OF C	HILDREN.											
			3 00	MPOSITI												
		<u> </u>	3.00									MITS IN	AIR (m	g/m <sup>3</sup> )		
							AC	GIH		NOHSC			OSHA			
							p	pm	50	ppm	50		ppm	1	-	
							TLV	STEL	ES- TWA	ES- STEL	ES- PEAK		OTEL			THER
CHEMI	CAL NAME(S)	c	AS No.	RTECS No.	EINECS No.	%						PEL	ISIEL	IDLH	0	
	CAL NAME(S)		732-18-5	RTECS No. ZC0110000	EINECS No. 231-191-2	% 75-90	NE	NE	NF	NF	NF	PEL NE	STEL NE	IDLH NE	0	INCN
CHEMI WATE		7	732-18-5	ZC0110000	231-191-2	75-90	NE	NE	NF	NF	NF	NE	NE	NE		
WATE		7														
	C ACID	7	732-18-5 7-92-9	ZC0110000 GE7350000	231-191-2 201-069-1	75-90 10-25	NE NA	NE	NF NF	NF NF	NF NF	NE NA	NE NA	NE		
	R	7	732-18-5	ZC0110000	231-191-2	75-90	NE	NE	NF	NF	NF	NE	NE	NE		
	C ACID	7	732-18-5 7-92-9	ZC0110000 GE7350000	231-191-2 201-069-1	75-90 10-25	NE NA	NE	NF NF	NF NF	NF NF	NE NA	NE NA	NE		
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SHA ACC ANSI WHSB WHMIS GHS & EU Standards

SDS Revision: 1.0

SDS Revision Date: 4/11/2023

		5. FIREFIGHTING M	EASURES					
5.1	Fire & Explosion Hazards:	This product is a non-flammable liquid. When involve		ite and				
		decompose to form toxic gases (e.g., CO, CO <sub>2</sub> , NO <sub>x</sub> ).						
5.2	Extinguishing Methods:	CO <sub>2</sub> , Halon (if permitted), Dry Chemical, Foam.						
5.3	Firefighting Procedures:	When involved in a fire, this product may and decompo						
		should wear eye protection. Structural firefighters mus						
		Use a water spray or fog to reduce or direct vapors. W	Vater may not be effective in ac	tually				
		extinguishing a fire involving this product.						
		6. ACCIDENTAL RELEA						
<b>0</b> 4	0.11	Before cleaning any spill or leak, individuals involved		continto Porconal Protoctivo Equipmo				
6.1	Spills:	<b>o y i y</b>	in spin cleanup must wear appr	opitale Fersonal Frotective Equipme				
		<b>CAUTION – may be slippery if spilled.</b> For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate the spille of	prieto poroconal protoctivo oquin	mont (o.g. goggloo, glovoo) Movim				
		Ventilation (open doors and windows) and secure	all sources of ignition Remove	spilled material with absorbent mate				
		ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and fed						
		regulations Wash all affected areas and outside of co	ntainer with plenty of warm wat	accordance with local, state and fede				
		regulations. Wash all affected areas and outside of co	ontainer with plenty of warm wat	er and soap. Remove any contaminat				
		regulations. Wash all affected areas and outside of co clothing and wash thoroughly before reuse.	ontainer with plenty of warm wat	er and soap. Remove any contaminat				
		regulations. Wash all affected areas and outside of co clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry	ontainer with plenty of warm wat	er and soap. Remove any contaminal Dike and contain spill with inert mate				
		regulations. Wash all affected areas and outside of co clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry (e.g., sand or earth). Use ONLY non-sparking tool	ontainer with plenty of warm wat to all unprotected individuals. I ls for recovery and cleanup. Tra	er and soap. Remove any contamina Dike and contain spill with inert mate nsfer liquid to containers for recovery				
		regulations. Wash all affected areas and outside of co clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry (e.g., sand or earth). Use ONLY non-sparking tool disposal and solid diking material to separate contai	ontainer with plenty of warm wat to all unprotected individuals. I ls for recovery and cleanup. Tra iners for proper disposal. Remo	er and soap. Remove any contaminal Dike and contain spill with inert mate nsfer liquid to containers for recovery ove contaminated clothing promptly a				
		regulations. Wash all affected areas and outside of co clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry (e.g., sand or earth). Use ONLY non-sparking tool	ontainer with plenty of warm wat to all unprotected individuals. I ls for recovery and cleanup. Tra iners for proper disposal. Remo	er and soap. Remove any contaminat Dike and contain spill with inert mate nsfer liquid to containers for recovery ove contaminated clothing promptly a				
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7.1	Work & Hygiene Practices:	regulations. Wash all affected areas and outside of co clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry (e.g., sand or earth). Use ONLY non-sparking tool disposal and solid diking material to separate contai wash affected skin areas with soap and water. Keep water. <b>7. HANDLING &amp; STORAGE</b> Use normal hygiene practices. Avoid direct skin contai	to all unprotected individuals. It is for recovery and cleanup. Tra- iners for proper disposal. Remo- spills and cleaning runoffs out of EINFORMATION act. Wash hands thoroughly afte	er and soap. Remove any contaminal Dike and contain spill with inert mate nsfer liquid to containers for recovery ove contaminated clothing promptly a of municipal sewers and open bodies				
7.1	Work & Hygiene Practices:	regulations. Wash all affected areas and outside of co clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry (e.g., sand or earth). Use ONLY non-sparking tool disposal and solid diking material to separate contai wash affected skin areas with soap and water. Keep water. <b>7. HANDLING &amp; STORAGE</b> Use normal hygiene practices. Avoid direct skin conta drinking, or smoking. Good personal hygiene practices	to all unprotected individuals. It is for recovery and cleanup. Tra- iners for proper disposal. Remo- spills and cleaning runoffs out of EINFORMATION act. Wash hands thoroughly afte	er and soap. Remove any contaminal Dike and contain spill with inert mate nsfer liquid to containers for recovery ove contaminated clothing promptly a of municipal sewers and open bodies				
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7.1	Work & Hygiene Practices: Storage & Handling:	regulations. Wash all affected areas and outside of co clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry (e.g., sand or earth). Use ONLY non-sparking tool disposal and solid diking material to separate contai wash affected skin areas with soap and water. Keep water. <b>7. HANDLING &amp; STORAGE</b> Use normal hygiene practices. Avoid direct skin conta drinking, or smoking. Good personal hygiene practices clothing, are recommended. Keep away from sources of heat.	to all unprotected individuals. It is for recovery and cleanup. Tra- iners for proper disposal. Remo- spills and cleaning runoffs out of <b>EINFORMATION</b> tot. Wash hands thoroughly after s, such as washing any skin con	er and soap. Remove any contaminat Dike and contain spill with inert mate nsfer liquid to containers for recovery ove contaminated clothing promptly a of municipal sewers and open bodies er using this product and before eatin tact areas and removing contaminate				
		regulations. Wash all affected areas and outside of co clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry (e.g., sand or earth). Use ONLY non-sparking tool disposal and solid diking material to separate contai wash affected skin areas with soap and water. Keep water. <b>7. HANDLING &amp; STORAGE</b> Use normal hygiene practices. Avoid direct skin conta drinking, or smoking. Good personal hygiene practices clothing, are recommended.	to all unprotected individuals. It is for recovery and cleanup. Tra- iners for proper disposal. Remo- spills and cleaning runoffs out of <b>EINFORMATION</b> tot. Wash hands thoroughly after s, such as washing any skin con	er and soap. Remove any contaminat Dike and contain spill with inert mater nsfer liquid to containers for recovery ove contaminated clothing promptly a of municipal sewers and open bodies er using this product and before eatin tact areas and removing contaminate				

### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

3.1	Exposure Limits:		ACGIH NOHSC			OSHA			OTHER		
	ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	
		NA	NA	NA	NF	NF	NF	NA	NA	NA	
8.2	Ventilation & Engineering	General mechanical (e.g., fans) or									
	Controls:	ventilation to effectively remove an				0			andling o	of this p	roduct. Ensu
		that an eyewash station, sink or wa									
8.3	Respiratory Protection:	Not required under normal conditio									
		generated, and respiratory protection									
		applicable U.S. State regulations, c				rd Z94.4	-93 and ap	oplicable	standard	s of	
	-	Canadian Provinces, EC member S									
8.4	Eye Protection:	Avoid eye contact. Protective eyew				•	other appli	cable an	d approp	riate	
		standards) should be used when ha									B
8.5	Hand Protection:	Use gloves constructed of chemica	I resistan	t materia	ls such as	neopren	ie or heavy	/ nitrile ru	bber if fr	equent	1111
		or prolonged contact is expected.									
8.6	Body Protection:	Not required under normal conditio	ns of use	. Use ap	propriate	orotective	e equipme	nt (e.g., a	apron) as		
		necessary to prevent or reduce exp	osure if f	requent of	or prolonge	ed contac	ct is expec	ted.			
		9. PHYSICAL	& CHI	EMICA	AL PRO	<b>DPER</b>	TIES				
9.1	Appearance:	Colorless liquid									
9.2	Odor:	Bland to no odor									
9.3	Odor Threshold:	NA									
9.4	pH:	6.5-8.0									
9.5	Melting Point/Freezing										
	Point:	NA									
9.6	Initial Boiling Point/Boiling Range:	NA									
9.7	Flashpoint:	NA									
9.7 9.8	Upper/Lower Flammability										
	Limits:	ND									
	Vapor Pressure:	ND									
9.9	vapor riessure.										



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		9. PHYSICAL & CHEMICAL PROPERTIES – cont'd
.11	Relative Density:	1.085
.12	Solubility:	Soluble
13		NA
	Pow):	NA
14 15	Autoignition Temperature: Decomposition	
-	Temperature:	NA
16	Viscosity:	NA
17	Other Information:	0% VOC
		10. STABILITY & REACTIVITY
.1	Stability:	Stable under normal conditions of use.
.2	Hazardous Decomposition	None known.
	Products:	Will not occur.
).3	Hazardous Polymerization:	Strong oxidizers and reducing agents.
).4	Conditions to Avoid:	
).5	Incompatible Substances:	Strong oxidizing agents, strong acids and bases.
		11. TOXICOLOGICAL INFORMATION
.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: NO
.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is
		available for some of the components of the product, but is not presented in this document.
.3	Acute Toxicity:	See Section 4.4
.4	Chronic Toxicity:	See Section 4.5
.5	Suspected Carcinogen:	No.
.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to produce teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to produce reproductive effects in humans.
.7	Irritancy of Product:	See Section 4.2
.8	Biological Exposure Indices:	NE
.9	Physician Recommendations:	Treat symptomatically.
	necommendations.	
		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 fata
-		overexposed aquatic life.
		13. DISPOSAL CONSIDERATIONS
.1	Waste Disposal:	Dispose of in accordance with federal, state, provincial and local regulations.
3.2	Special Considerations:	NA
-		14. TRANSPORTATION INFORMATION
ne	basic description (ID Nu	mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additionation are required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.
4.1		
	IATA (AIR):	NOT REGULATED
1.3	IMDG (OCN):	NOT REGULATED
4.4	TDGR (Canadian GND):	NOT REGULATED
4.5	ADR/RID (EU):	NOT REGULATED
46	SCT (MEXICO):	NOT REGULATED
	ADGR (AUS):	NOT REGULATED



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## **15. REGULATORY INFORMATION**

15.1	SARA Reporting Requirements:	This product does not contain a substance subject to SARA Title III, Section 313 reporting requirements
	SARA TPQ:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity:	NA
15.5	Other Federal Requirements:	This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR. The components of this product are listed on the
		DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.
15.7	State Regulatory Information:	No ingredients in this product present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to www.P65Warnings.ca.gov
15.8	Other Requirements:	NA

		16. OTHER INFORMATION
16.1	Other Information:	WARNING! CAUSES EYE IRRITATON. Use as directed. Read and follow safety instructions. Wash with soap and water thoroughly after handling. Do not touch eyes. Wear protective gloves/ eye protection. 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 help. 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 & ACTIVE B, LLC.'s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
16.4	Prepared for:	ACTIVE B LLC 3147 California Street, Suite 100-A Minneapolis, MN Email: support@useactive.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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### **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:

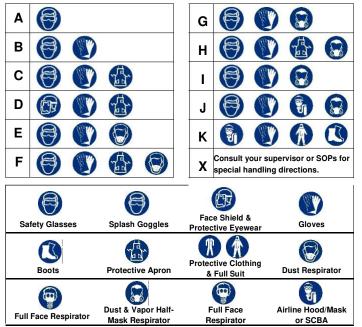
CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

#### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

o	Minimal Hazard	HEALTH
1	Slight Hazard	FLAMMABILITY
2	Moderate Hazard	PHYSICAL HAZARDS
3	Severe Hazard	PERSONAL PROTECTION
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

FLAMMABILITY LIMITS IN AIR:					
Autoignition	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	
Hazar	d ACD Acidic	
ALK /	Ikaline	
COR	orrosive	│
₩	Jse No Water	HEALTH
OX	Dxidizer	SPECIAL
TREFOIL	Badioactive	PRECAUTIONS

#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals			
LC50	Lethal concentration (gases) which kills 50% of the exposed animal			
ppm	Concentration expressed in parts of material per million parts			
TD <sub>10</sub>	Lowest dose to cause a symptom			
TCLo	Lowest concentration to cause a symptom			
TD10, LD10, & LD0 or	Lowest dose (or concentration) to cause lethal or toxic effects			
TC, TC₀, LC₀, & LC₀				
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	WHMIS Canadian Workplace Hazardous Material Information System			
DOT	U.S. Department of Transportation			
TC Transport Canada				
EPA U.S. Environmental Protection Agency				
DSL Canadian Domestic Substance List				
NDSL Canadian Non-Domestic Substance List				
PSL	Canadian Priority Substances List			
TSCA	U.S. Toxic Substance Control Act			
EU European Union (European Union Directive 67/548/EEC)				
WGK	Wassergefährdungsklassen (German Water Hazard Class)			

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

0	۲	٢	R	(†	۲		
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:

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