

Page 1 of 6 **BTI-008** 

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

SDS Revision: 2.1

SDS Revision Date: 10/20/2021

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1.1	Product Name:	OXYPRI	ME® LIQU	IID										
1.2	Chemical Name:	Oxalic Acid S												
1.3	Synonyms:	610051, 610												
1.4	Trade Names:		iquid Surface C	onditioner										
1.5	Product Use:		uTemp® Proces											
1.6	Distributor's Name:		aboratories LLC											
1.7	Distributor's Address:	+	Road, Eden Pra		LUSA									
1.8	Emergency Phone:		+1 (800) 424-	,		997 0	r Doic	on C	ontro	I Conf	tor ±1	1 /055	\ 201 1	742
1.9	Business Phone / Fax:		7-7900 / +1 (952	•	03) 321-3	007 0	FOIS	oli C	JIIIIO	Celli	ICI	1 (033	) 201-1	142
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2.1	Hazard Identification:	Dropored in	accordance wit						ndad t		نبد بدا	th OCI	14 20 0	ED 1010 120
	riazara identinoation.		accordance wit HMIS and Austr				naaras	s. Inte	naea i	o com	piy wi	เท บรเ	7A 29 C	FR 1910.120
			HARMFUL IF				T WIT	H SKI	N CAI	IISES	FYF I	RRITA	TION	
		_	1: Acute Tox. (Ora					_	II. CA	UULU	_,_,	1313117	i i i i i i i i i i i i i i i i i i i	
2.2	Label Elements:		ements (H): H30	,	, , ,				t with a	skin L	330	Cauco	20	
		eye irritation		32+11312 – 11a	IIIIIUI II SW	allowec	ווו וט ג	Contac	t with a	SKIII. I I	320 –	Cause	75	
		,	ry Statements	(P)· P261 – A	woid breat	hina fi	umes/r	mist/va	nors/s	nrav F	264	– Was	sh	
			vith soap and w											•
		product. P2	.80 - Wear pi	rotective glov	es/ protec	tive c	lothing	g/eye i	protect	tion/fac	ce pro	otectio	n.	
			- IF SWALLOW											
			0 – Rinse mou											<b>\•</b> /
			+P338 - IF IN E											
			esent and easy											
			ice/attention. P3 2362+P364 – Ta											
			container to an					ii ii be	iole le	use. F	501 -	Dispos	se	
					ta diennea									
2.3	Other Warnings:							fuct n	A25A (	contact	t a nh	veician	or loca	l noison cont
2.3	Other Warnings:	In the event	of an exposure	or medical in	quiry invol	ving thi	is prod							
2.3	Other Warnings:	In the event		or medical in	quiry invol	ving thi	is prod							
2.3	Other Warnings:	In the event center, who i	of an exposure may seek advic	or medical incention or medica	quiry invol	ving thi curer, a	is prod ind sho	ow ther	n this	SDS. M				
2.3	Other Warnings:	In the event center, who i	of an exposure	or medical incention or medica	quiry invol	ving thi curer, a	is prod ind sho	ow ther	n this :	SDS. M	(EEP (	OUT OF	REACH	
2.3	Other Warnings:	In the event center, who i	of an exposure may seek advic	or medical incention or medica	quiry invol	ving thi curer, a	is prod ind sho	ORN	n this :	SDS. MINISURE LI	(EEP (	OUT OF	g/m³)	
2.3	Other Warnings:	In the event center, who i	of an exposure may seek advic	or medical incention or medica	quiry invol	eurer, a	is prod ind sho	ORN	n this	SDS. MINISURE LI	(EEP (	OUT OF	g/m³)	
		In the event center, who is	of an exposure may seek advice  OMPOSIT	or medical ine from the U.S	quiry involved manufact	eving this	INF	ORN Es-	MATI EXPO NOHSC ppm ES-	SDS. P	MITS IN	N AIR (m OSHA ppm	g/m³)	OF CHILDREN
	Other Warnings:  CAL NAME(S)	In the event center, who recorder, who recorder are contact and contact are contact and contact are contact and contact are contact and contact are co	of an exposure may seek advice	or medical inee from the U.S  ION & INC  EINECS No.	quiry involvements manufact	ENT  ACC  PR	INF GIH om STEL	ORN  ES- TWA	MATI EXPONOUSC PPM ES- STEL	SDS. P	MITS IN	N AIR (m OSHA ppm	g/m³)	
CHEMIC	CAL NAME(S)	In the event center, who is	of an exposure may seek advice  OMPOSIT	or medical ine from the U.S	quiry involved manufact	eving this	INF	ORN Es-	MATI EXPO NOHSC ppm ES-	SDS. P	MITS IN	N AIR (m OSHA ppm	g/m³)	OF CHILDREN
CHEMIC VATE	CAL NAME(S)	3. C  CAS No.  7332-18-5	of an exposure may seek advice  OMPOSIT  RTECS No.  ZC0110000	or medical ince from the U.S  ION & INC  EINECS No. 231-791-2	GREDI  % 60-100	ENT  ACC  PR  TLV  NE	INF GIH om STEL NE	ORN  ES- TWA NF	MATI EXPO- NOHSC ppm ES- STEL NF	SDS. P	MITS IN	N AIR (m OSHA ppm STEL NE	g/m³)	OF CHILDREN
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<b>HEMIO</b> VATE	CAL NAME(S)	3. C  CAS No. 7332-18-5	of an exposure may seek advice  OMPOSIT  RTECS No.  ZC0110000	ION & INC EINECS No. 231-791-2	GREDI  % 60-100	ENT  ACC  PP  TLV  NE	INF GIH om STEL NE	ORN  ES- TWA NF	MATI EXPO- NOHSC ppm ES- STEL NF	SDS. P	MITS IN	N AIR (m OSHA ppm STEL NE	g/m³)	OF CHILDRE
<b>HEMIO</b> VATE	CAL NAME(S)	3. C  CAS No. 7332-18-5	OMPOSIT  RTECS No. ZC0110000  RO2450000 y-Oral 4; Acute To	ION & INC EINECS No. 231-791-2 205-634-3 exicity-Dermal 4;	GREDI  % 60-100  7-13 H302, H31:	ENT ACCOPP TLV NE (1)	INF GIH DIM STEL NE (2)	ORN  ES- TWA NF	MATI EXPO- NOHSC ppm ES- STEL NF	SDS. P	MITS IN	N AIR (m OSHA ppm STEL NE	g/m³)	OF CHILDRE
H <b>EMIC</b> VATE	CAL NAME(S) R C ACID	In the event center, who is a center, who is a center. Who is a center of the center o	OMPOSIT  RTECS No. ZC0110000  RO2450000 y-Oral 4; Acute To	ION & INC EINECS No. 231-791-2 205-634-3 exicity-Dermal 4;	GREDI  % 60-100  7-13 H302, H312	ENT  ACC  PF  TLV  NE  (1)	INF GIH STEL NE (2)	ORN  ES- TWA  NF  (1)	EXPO NOHSC ppm ES- STEL NF	SDS. POR SURE LI	PEL NE	N AIR (m OSHA ppm STEL NE	g/m³)	OF CHILDREI
H <b>EMIC</b> VATE	CAL NAME(S)	3. C  CAS No. 7332-18-5	OMPOSIT  RTECS No.  ZC0110000  RO2450000 cy-Oral 4; Acute To	ION & INC EINECS No. 231-791-2 205-634-3 oxicity-Dermal 4; JCE VOMITIN	GREDI  % 60-100  7-13 H302, H312  G. Contact	ENT ACC PF TLV NE (1) 2	INF GIH DIM STEL NE (2) RES yCall +	ORN  ES- TWA  NF  (1)	EXPONOUSC PPM ESSTEL NF	SDS. POR SURE LINE SURE LINE SURE LINE SURE LINE SURE LINE SURE LINE SURE SURE SURE SURE SURE SURE SURE SUR	MITS IN  PEL  NE  (1)	N AIR (m OSHA ppm STEL NE NA	g/m³) A IDLH NE (500)	OF CHILDREN  OTHER  Control Cent
H <b>EMIC</b> VATE	CAL NAME(S) R C ACID	In the event center, who is a center, who is a center. Who is a center of the center o	OMPOSIT  RTECS No. ZC0110000  RO2450000 cy-Oral 4; Acute To Or local emergen	EINECS No. 231-791-2  205-634-3 oxicity-Dermal 4;  FIRST AI  JCE VOMITIN gency telephor	GREDI  % 60-100  7-13 H302, H312  G. Contacte number	ENT  ACC  PP  TLV  NE  (1)  2  ASUF  Safety for ass	INF GIH DIM STEL NE (2)  RES yCall +	ORN  ES- TWA  NF  (1)	MATI EXPO NOHSC ppm ES- STEL NF (2)	SDS. P SURE LI ES- PEAK NF NF 1742 octions.	PEL NE (1)	N AIR (m OSH/ ppm STEL NE NA	g/m³) A IDLH NE (500)	OTHER  Control Centedical attention
HEMIC VATE	CAL NAME(S) R C ACID	CAS No. 7332-18-5 144-62-7 Acute Toxicit	OMPOSIT  RTECS No. ZC0110000  RO2450000 y-Oral 4; Acute To or local emergify yomiting occurrence of the composition of the comp	EINECS No. 231-791-2  205-634-3 oxicity-Dermal 4;  FIRST Alugency telephorours spontaneous	GREDI  % 60-100  7-13 H302, H31:  ID MEA G. Contacte number busly, keep	ENT  AC  PP  TLV  NE  (1)  2  ASUF  Safety for asso victim	INF GIH DOM STEL NE (2)  RES yCall + sistance's head	CRN ES-TWA NF (1) 1 (855) te and d lowe	MATI EXPO NOHSC ppm ES- STEL NF (2) ) 281 instructed (for	SDS. P SURE LI ES-PEAK NF NF 1742 o etions. rward)	PEL NE (1)	N AIR (m OSH/ ppm STEL NE NA	g/m³) A  IDLH NE  (500)  t Poison diate mere risk of	OTHER  Control Centedical attention aspiration.
HEMIC VATE	CAL NAME(S) R C ACID	In the event center, who is a center, who is a center. Who is a center of the center o	OMPOSIT  RTECS No. ZC0110000  RO2450000 y-Oral 4; Acute To or local emergif vomiting occilif product gets	EINECS No. 231-791-2  205-634-3  oxicity-Dermal 4: JCE VOMITIN gency telephor curs spontanecs in the eyes,	green with the second s	PROPERTY OF THE PROPERTY OF TH	INF GIH DIM STEL NE (2)  RES y/Call + sistance y's head- ughly v	ESTWA NF (1) 1 (855) to e and d lowe with co	EXPONOUSC ppm ES-STEL NF (2) ) 281 instructed (for pious and pio	SDS. P SURE LI ES- PEAK NF NF 1742 oo ctions. rward) amoun	PEL NE (1)	N AIR (m OSHA ppm STEL NE NA	g/m³)  IDLH  NE  (500)  t Poison diate me le risk of for at lea	OTHER  Control Cent dical attentic aspiration. ast 15 minute
HEMIC VATE	CAL NAME(S) R C ACID	CAS No. 7332-18-5 144-62-7 Acute Toxicit	OMPOSIT  RTECS No. ZC0110000  RO2450000 y-Oral 4; Acute To or local emergify yomiting occurrence of the composition of the comp	EINECS No. 231-791-2  205-634-3 oxicity-Dermal 4;  FIRST AI JCE VOMITIN gency telephor curs spontanees in the eyes, (s) open to ens	GREDI  % 60-100  7-13 H302, H31:  ID MEA G. Contacte ne number ously, keep flush eyes sure comp	PF TLV NE (1) 2  Safety for asso victim thoroulete flus	INF GIH DIM STEL NE (2) (2) (2) (2) (3) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	ES-TWA NF (1) (1) (1) (1) (2) (3) (4) (5) (5) (6) (6) (7) (7) (7) (8) (7) (8) (7) (7) (8) (7) (7) (8) (8) (8) (8) (8) (8) (8) (8) (8) (8	EXPONOUSC ppm ES-STEL NF (2) ) 281 instructed (for pious and pio	SDS. P SURE LI ES- PEAK NF NF 1742 oo ctions. rward) amoun	PEL NE (1)	N AIR (m OSHA ppm STEL NE NA	g/m³)  IDLH  NE  (500)  t Poison diate me le risk of for at lea	OTHER  Control Centidical attentic aspiration. ast 15 minute
HEMIC VATE	CAL NAME(S) R C ACID	CAS No. 7332-18-5 144-62-7 Acute Toxicit	of an exposure may seek advice on the seek advice of the seek advice of the seek advice of the seek advice on the seek advice o	EINECS No.  231-791-2  205-634-3  oxicity-Dermal 4;  FIRST All  JCE VOMITIN gency telephor curs spontaneces in the eyes, (s) open to en- physician or earninated cloth	GREDI  % 60-100  7-13 H302, H31:  ID MEA G. Contacte number obusly, keep flush eyes sure compensure compensure and war war and war war and war war and	PP TLV NE (1) 2  ASUF is Safety for cases o victime thorouse lette flus room i ish affee	INF  GIH  STEL  (2)  RES  (Call + the sistence and shing a shi	CRN ESTWA NF (1) (1) (1) (1) (1) (2) (3) (4) (5) (5) (6) (6) (7) (7) (7) (8) (7) (8) (7) (8) (7) (8) (8) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	MATI EXPO NOHSC ppm ES- STEL NF (2) ) 281 instruction (for pious a geyes of with sozial and the sozial and th	SDS. P SURE LI ES-PEAK NF NF NF 1742 o octions. rward) rared are and	PEL (1)  r the r Seeke tots of the become water	N AIR (m OSHA ppm STEL NE NA	g/m³) A  IDLH NE  (500)  t Poison diate me for at lease of the comfort comfort.	OTHER  OTHER  Control Cent dical attention aspiration assist 15 minute ing or following persists and/
HEMIC VATE	CAL NAME(S) R C ACID	CAS No. 7332-18-5 144-62-7 Acute Toxicit Ingestion: Eyes:	of an exposure may seek advice on the skin reaction of the seek advice on the seek advice on the seek advice on the skin reaction of the seek advice on the s	EINECS No.  231-791-2  205-634-3  DICE VOMITIN gency telephore rurs spontanecs in the eyes, (s) open to ensemble aminated cloth on worsens, co	GREDI  % 60-100  7-13 H302, H31:  ID MEA G. Contacte number obusly, keep flush eyes sure compensure compensure and war war and war war and war war and	PP TLV NE (1) 2  ASUF is Safety for cases o victime thorouse lette flus room i ish affee	INF  GIH  STEL  (2)  RES  (Call + the sistence and shing a shi	CRN ESTWA NF (1) (1) (1) (1) (1) (2) (3) (4) (5) (5) (6) (6) (7) (7) (7) (8) (7) (8) (7) (8) (7) (8) (8) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	MATI EXPO NOHSC ppm ES- STEL NF (2) ) 281 instruction (for pious a geyes of with sozial and the sozial and th	SDS. P SURE LI ES-PEAK NF NF NF 1742 o octions. rward) rared are and	PEL (1)  r the r Seeke tots of the become water	N AIR (m OSHA ppm STEL NE NA	g/m³) A  IDLH NE  (500)  t Poison diate me for at lease of the comfort comfort.	OTHER  Control Center aspiration as 15 minute ing or following persists and/
H <b>EMIC</b> VATE	CAL NAME(S) R C ACID	CAS No. 7332-18-5 144-62-7 Acute Toxicit Ingestion: Eyes:	of an exposure may seek advice of an exposure may seek advice of the property of the property of the product gets holding eyelid use, consult a Remove contathe skin reaction has been property seek adviced the product gets has been property of the product gets holding eyelid use, consult a Remove contathe skin reaction has been property of the product gets holding eyelid use, consult a Remove contathe skin reaction has been property of the property of the product gets and the property of the product gets and	EINECS No.  231-791-2  205-634-3  DICE VOMITIN gency telephor curs spontaned: sin the eyes, (s) open to end, physician or earninated cloth on worsens, coerly cleaned.	GREDI  % 60-100  7-13 H302, H31:  ID MEA G. Contacte number on the eyes sure compermergency ing and war ontact a ph	PP TLV NE (1) 2  ASUF TSASUF T	INF  GIH  STEL  (2)  RES  (2)  RES  (2)  RES  (2)  RES  (3)  (4)  (5)  (6)  (7)  (7)  (7)  (8)  (8)  (9)  (9)  (1)  (1)  (1)  (1)  (1)  (2)	ORN  ESTWA  NF  (1)  1 (855 ee and diverse	MATI EXPO NOHSC ppm ES- STEL NF (2) ) 281 instruction (for pious a geyes of the source of the sour	SDS. P SURE LI ES-PEAK NF NF NF 1742 o ottions. rward) amound or face ap and oot wear	PEL (1)  r the r Seek to recurs of become water ar confirmation.	N AIR (m OSHA ppm STEL NE NA NA Nearess immeduce the water fine swo	g/m³)  IDLH  NE  (500)  I Poison diate me de risk of for at leadlen dur dur decomfort ted clother decomfort decomfor	OTHER  Control Centedical attention as 15 minutes ing or following until after outputs of the control of the control center of the control of
HEMIC VATE	CAL NAME(S) R C ACID	CAS No. 7332-18-5 144-62-7 Acute Toxicit Ingestion: Eyes:	OMPOSIT  RTECS No.  ZC0110000  RO2450000  y-Oral 4; Acute To or local emergif vomiting occilif product gets holding eyelid use, consult a Remove contathe skin reactinas been propression.	EINECS No.  231-791-2  205-634-3  oxicity-Dermal 4;  FIRST Al  JCE VOMITIN gency telephor curs spontanea cs in the eyes, (s) open to ene physician or elaminated cloth on worsens, coerly cleaned. m to fresh aim to fresh aim	GREDI  % 60-100  7-13 H302, H31:  ID MEA G. Contacte number of purple sure compermergency ing and wa ontact a phrase in the contact and the co	PF TLV NE  (1) 2  ASUF TSAFE TLV NE  (1) 12  CONTRACTOR OF THE TRACTOR OF THE TRA	INF  GIH  STEL  (2)  RES  (2)  Call + sistance is head ughly v shing. immed ected a n immed er extra e	ORN  ESTWA  NF  (1)  1 (855 ee and diverse	MATI EXPO NOHSC ppm ES- STEL NF (2) ) 281 instruction (for pious a geyes of the source of the sour	SDS. P SURE LI ES-PEAK NF NF NF 1742 o ottions. rward) amound or face ap and oot wear	PEL (1)  r the r Seek to recurs of become water ar confirmation.	N AIR (m OSHA ppm STEL NE NA NA Nearess immeduce the water fine swo	g/m³)  IDLH  NE  (500)  I Poison diate me de risk of for at leadlen dur dur decomfort ted clother decomfort decomfor	OTHER  Control Centedical attention as 15 minutes ing or following until after outputs of the control of the control center of the control of
HEMIO VATE DXALI	CAL NAME(S)  R C ACID  First Aid:	In the event center, who is center, which is center, wh	OMPOSIT  RTECS No.  ZC0110000  R02450000  y-Oral 4; Acute To the skin reaction has been propressed to the skin respiration. State and the skin reaction has been propressed to the skin respiration. State and the skin reaction has been propressed to the skin reaction of the skin reaction. State and the skin reaction has been propressed to the skin reaction. State and the skin reaction has been propressed to the skin reaction.	EINECS No.  231-791-2  205-634-3  oxicity-Dermal 4;  FIRST AI  JCE VOMITIN gency telephor curs spontanec s in the eyes, (s) open to en aminated cloth on worsens, c overly cleaned. The original of the eyes, and the eyes aminated cloth on worsens, c overly cleaned. The original of the eyes aminated cloth on worsens, c overly cleaned. The original of the eyes aminated cloth on worsens, c overly cleaned. The original of the eyes aminated cloth on worsens, c overly cleaned. The overly cleaned and eyes aminated cloth on worsens, c overly cleaned.	GREDI  % 60-100  7-13 H302, H31:  ID MEA G. Contacte number pusity, keep flush eyes soure comperency ing and wa ontact a pher at once, a medical at	ENT  ACC PF TLV NE  (1) 2  ASUF Safety for asso victim thoroulete flus room i sh affe nysiciar Undo	INF  GIH  STEL  (2)  RES  (2)  (2)  RES  (3) head an immedian immedian immedian immedian.	CRN ESTWA NF (1) 1 (855) the and d lowe with cold if the liately. If the diately reme of the cold in t	MATI EXPO NOHSC ppm ES- STEL NF (2) ) 281- instructed (for pious a geyes of the solution of the condition of	SDS. P SURE LI ES-PEAK NF NF NF 1742 o ctions. rward) amound or face ap and lot weal ons, if	PEL (1)  r the r Seek to record to see to se	N AIR (m OSH/ppm STEL NE NA NA Neares': immeduce the water if me swo	g/m³)  IDLH  NE  (500)  t Poison diate me er isk of for at leadlen dur accomfort ted cloth stops, p	OTHER  OTHER  Control Centical attention aspiration. ast 15 minute ing or following persists and/hing until after erform artifical attention are also attention are also attention attention are also attention attention attention are also attention attention attention are also attention attention attention attention are also attention attent
HEMIO VATE DXALI	CAL NAME(S) R C ACID	In the event center, who is center, which is center,	of an exposure may seek advice of an exposure may seek advice of the property of the product of the skin reaction of the skin reaction. Severe burns	EINECS No.  231-791-2  205-634-3  oxicity-Dermal 4;  FIRST AI  JCE VOMITIN gency telephor curs spontaneous in the eyes, (s) open to ene physician or eaminated cloth on worsens, coerly cleaned. m to fresh air eek immediate of mouth, throa	GREDI  % 60-100  7-13 H302, H31:  ID MEA G. Contactine number pusity, keep flush eyes soure compensure compensure and water at once, and at and store at and store at and store.	ENT  ACC PF TLV NE  (1) 2  ASUF is Safety for asso victim thoroulete flus room i ish affet hysician ach. F	INF  GIH  STEL  NE  (2)  RES  yCall + sistance i's heaving high immediated an immediate an immed	CRN  ESTWA  NF  (1)  1 (855) as and d lowe with collistely. Irreas wediately reme of the symplest collisters and the symplest collisters.	MATI EXPO NOHSC ppm ES- STEL NF (2) ) 281- instructed (for pious a geyes of the solution of the condition of	SDS. P SURE LI ES-PEAK NF NF NF 1742 o ctions. rward) amound or face ap and lot weal ons, if	PEL (1)  r the r Seek to record to see to se	N AIR (m OSH/ppm STEL NE NA NA Neares': immeduce the water if me swo	g/m³)  IDLH  NE  (500)  t Poison diate me er isk of for at leadlen dur accomfort ted cloth stops, p	OTHER  OTHER  Control Centical attention aspiration. ast 15 minute ing or following persists and/hing until after erform artifical attention are artifical attention are artifical attention attention are artifical attention are artifical attention attention are artifical attention attention are artifical attention attention attention are artifical attention attention attention attention attention attention are artifical attention att
: <b>HEMI</b> O	CAL NAME(S)  R C ACID  First Aid:	In the event center, who is center, which	RTECS No.  ZC0110000  RO2450000 y-Oral 4; Acute To local emergif vomiting occilif product gets holding eyelid use, consult a Remove contathe skin reactif has been proping respiration. Severe burns May cause da	EINECS No.  231-791-2  205-634-3  exicity-Dermal 4:  FIRST AI  JCE VOMITIN gency telephor curs spontanecs in the eyes, (s) open to energing physician or earninated cloth on worsens, co- curly cleaned. m to fresh air eek immediate of mouth, throumage to kidne	GREDI  % 60-100  7-13 H302, H31:  ID MEA G. Contacte number ously, keep flush eyes sure comperency ing and wa ontact a pher at once, and at and storeys, resulting the company of the compensation of the comp	ENT  ACC PF TLV NE  (1) 2  ASUF is Safety for asso victim thoroulete flus room i ish affet hysician ach. F	INF  GIH  STEL  NE  (2)  RES  yCall + sistance i's heaving high immediated an immediate an immed	CRN  ESTWA  NF  (1)  1 (855) as and d lowe with collistely. Irreas wediately reme of the symplest collisters and the symplest collisters.	MATI EXPO NOHSC ppm ES- STEL NF (2) ) 281- instructed (for pious a geyes of the solution of the condition of	SDS. P SURE LI ES-PEAK NF NF NF 1742 o ctions. rward) amound or face ap and lot weal ons, if	PEL (1)  r the r Seek to record to see to se	N AIR (m OSH/ppm STEL NE NA NA Neares': immeduce the water if me swo	g/m³)  IDLH  NE  (500)  t Poison diate me er isk of for at leadlen dur accomfort ted cloth stops, p	OTHER  OTHER  Control Cention as tendical attention as 15 minute ing or following persists and/ing until after erform artifical attention as tending and tending and tending attention at the tendin
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HEMIO /ATE XALI 4.1	CAL NAME(S)  R C ACID  First Aid:  Effects of Exposure:	In the event center, who is a second center	RTECS No.  ZC0110000  RO2450000  PO NOT INDU or local emerg if vomiting occ if product gets holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victin respiration. S Severe burns May cause da Severe or pen Severe irritatio If sprayed, ser Redness, burn Redness, burn	EINECS No.  231-791-2  205-634-3  oxicity-Dermal 4;  FIRST AI  JCE VOMITIN gency telephor curs spontaneous in the eyes, (s) open to ensure the physician or earninated cloth on worsens, coerly cleaned in eek immediate of mouth, through the physician or earninated cloth on worsens, coerly cleaned in eek immediate of mouth, through the physician or earninated cloth on worsens, coerly cleaned in eek immediate of mouth, through the physician of mouth, through the physician or earning to kidne manent eye day on and possibly over eirritation coning, irritation, ning, itching, ra	GREDI  % 60-100  7-13 H302, H31:	PENT  ACC PR  TLV NE  (1) 2  SUFF is Safety for asso victim thorousete flus room in sh affee mysiciar  Undottention ach. Fing in blooming arousing of services and arousing of services arousing of services arousing of services arousing of services arousing arousing of services arousing arousing of services arousing of services arousing arousing of services arousing arousing of services arousing arousing of services arousing arousing arousing of services arousing arous	INF  GIH  DIM  STEL  (2)  (2)  (2)  (2)  (3)  (4)  (5)  (5)  (6)  (7)  (7)  (8)  (9)  (9)  (1)  (1)  (1)  (1)  (2)  (2)  (3)  (4)  (4)  (5)  (6)  (7)  (7)  (7)  (8)  (8)  (9)  (9)  (1)  (1)  (1)  (1)  (1)  (1	ES-TWA NF  (1)  1 (855) the and do lower with countries we diately urine.	m this:  MATI  EXPO NOHSC  ppm ES- STEL  NF  (2)  ) 281 instruct red (for pious peyes of the solution of the	SDS. P SURE LI ES-PEAK NF NF NF 1742 o octions. rward) amount face ap and lot weal ons, if include	PEL (1)  r the r Seek to receive to soft become water ar confidence in the confidenc	N AIR (m OSHA ppm STEL NE NA NA NA NA NA NA NA NA NA NA NA NA NA	g/m³)  IDLH  NE  (500)  t Poison diate me ier isk of for at leadilen dur ited clothestops, pmiting, a	OTHER  OTHER  Control Center description of a spiration of a spira
HEMIC ATE XALI	CAL NAME(S)  R C ACID  First Aid:  Effects of Exposure:	In the event center, who is a second center	RTECS No.  ZC0110000  RO2450000  Y-Oral 4; Acute To or local emergif vomiting occiling eyelid use, consult a Remove contathe skin reacting has been proposed for the skin reacting been proposed for the skin reac	EINECS No.  231-791-2  205-634-3  oxicity-Dermal 4;  FIRST AI  JCE VOMITIN gency telephor curs spontaneous in the eyes, (s) open to enauge to hid on worsens, coerly cleaned aimed aimed manent eye day on and possibly were irritation, ching, irritation, rating, severe atting, severe atting, severe atting, severe atting, severe atting and possibly the severe atting,	GREDI  % 60-100  7-13 H302, H312  ID MEA G. Contact ne number busly, keep flush eyes sure comp emergency ing and wa ontact a ph r at once. e medical a at and stor eys, resulting amage. e burns. of respirato and swelling ash, blister bodominal p	PENT  ACC PR  TLV NE  (1) 2  ASUF is Safety for asso victim thorousete flus room in sh affee mysiciar  Undottention ach. Fing in blooming of sain.	INF  GIH  DIM  STEL  (2)  (2)  (2)  (2)  (3)  (4)  (5)  (5)  (6)  (7)  (7)  (8)  (8)  (9)  (9)  (1)  (1)  (1)  (1)  (2)  (2)  (3)  (4)  (4)  (5)  (5)  (6)  (7)  (7)  (7)  (8)  (8)  (9)  (9)  (9)  (10)  (1	ES-TWA NF  (1)  1 (855) See and dolowed liately. It is a liately urine. It is a liately urine.	m this :  MATI  EXPO NOHSC  ppm ES- STEL  NF  (2)  ) 281 instruct red (for eyes of the soar of the s	SDS. P SURE LI ES-PEAK NF NF NF 1742 o o ottions. Inward) or face ap and lot weal ons, if includes branes	PEL (1)  r the r Seek to rect to of water ar confirmation brea e naus	N AIR (m OSHA Ppm STEL NE NA NA Nearess immeduce the water the sworth of	g/m³)  IDLH  NE  (500)  t Poison diate me ie risk of for at leadilen dur ited clothestops, p miting, a difficulty	OF CHILDRE  OTHER  Control Cendical attentic aspiration. ast 15 minuting or following persists and aing until after artification artification artification artification artification artification artification artification.



Page 2 of 6 **BTI-008** 

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

SDS Revision: 2.1

SDS Revision Date: 10/20/2021

	T	4. FIRST A										
4.4	Acute Health Effects:	May be harmful if inhaled. Materia tract. May be harmful if swallowed	. Causes	s burns. I	May be harr					s and up	oper respir	ator
l.5 l.6	Chronic Health Effects:	May damage the nervous system,		and/or liv	er.							
.7	Target Organs:  Medical Conditions	Eyes, Skin, Lungs (Corrosive), Kid Pre-existing dermatitis, other skir		one one	disordors	of the	LIEALT				2	
	Aggravated by Exposure:	target organs (eyes, skin, and resp					HEALT		,		2	
		function may be more susceptible					FLAMM				0	
							PHYSIC				0	
						_	PROTE			ENT	<u>  B</u>	
							EYES	SKIN				
		5. FIREF	FIGHT	ING I	MEASU	RES						_
.1	Fire & Explosion Hazards:	Non-flammable. May react with me with air.					can form	explosive	mixtures	5		
.2	Extinguishing Methods:	Use fire-extinguishing media appro	opriate fo	or surrou	nding mater	rials.					<u> </u>	
		As with any fire, firefighters should approved or equivalent self-conta fires as for surrounding materials. degradation may produce oxides should be fought from a safe dist water spray to cool fire-exposed sifrom fire control or dilution from waterway.	ined bre Hazard of carbo ance. For	eathing a dous dec n, and/or (eep cor and to pro	ipparatus (S composition nitrogen, h ntainers coo otect person	SCBA) a products ydrocarb l until w nal. Figh	nd protects may be cons and/oell after that fire upwi	tive clothi released. or derivat ne fire is on nd. Preve	ng. Fight Thermalives. Fire out. Use ent runoft	t I	2 0	>
		6. ACCIDENT	ΓAL F	RELEA	ASE ME	ASUI	RES					
		(PPE). Use safety glasses or safe etc.) to prevent skin contact.		es and fa	ace shield; u	ise glove	es and oth	er protect	tive cloth	ing (e.g	., apron, b	oot:
		Small Spills: Wear appropriate pro inert material such as vermiculite of Large Spills: Keep incompatible no release. Isolate immediate hazar done with minimal risk. Wear appropriate as much free liquid as publisher discharging liquid directly into a second seco	or sand t naterials od area a opropriat ossible a	o soak u (e.g., or and keep e protect and colle	ip the produ ganics such unauthorize tive equipm ct in acid-re	ct and p as oil) a ed perso ent inclu	lace into a away from onnel out uding resp	containe spill. Sta of area. iratory pr	er for late by upwind Stop spill rotection	r dispos l and av l or rele as con	sal. vay from s ase if it ca ditions wa	tible pill an b
		inert material such as vermiculite of Large Spills: Keep incompatible nelease. Isolate immediate hazar done with minimal risk. Wear ap Recover as much free liquid as p	or sand to materials of area a oppropriat ossible a ewer or s	o soak u (e.g., or and keep e protect and colle surface w	p the produ ganics such unauthorize tive equipm ct in acid-re vaters.	ct and p as oil) a ed perso ent inclu esistant o	lace into a away from onnel out uding resp container.	containe spill. Sta of area. iratory pr	er for late by upwind Stop spill rotection	r dispos l and av l or rele as con	sal. vay from s ase if it ca ditions wa	tible pill an b
7.1	Work & Hygiene Practices:	inert material such as vermiculite of Large Spills: Keep incompatible in release. Isolate immediate hazar done with minimal risk. Wear application of the reach of children. Do not early expose to heat and flame. Use of Large Spills: Keep incompatible in release.	or sand to materials and area a propriet cossible a sewer or sewer or sewer at, drink only in ve	to soak u (e.g., or, and keep e protect and colle surface w  ORAC and skin or smoke	p the produ ganics such unauthorize tive equipm ct in acid-re vaters.  BE INFC contact. We when hand	as oil) a ed perso ent inclues istant o	lace into a away from onnel out	a containe spill. Sta of area. iratory pr Use abso ipment w Wash th	er for late by upwind Stop spill rotection brbent to hen hand horoughly	r dispos d and av l or rele as con- pick up dling pro-	eal.  vay from spase if it can ditions wan residue. A  oduct. Kee andling. D	pill pill rran Avo
77.1	Work & Hygiene Practices:  Storage & Handling:	inert material such as vermiculite of Large Spills: Keep incompatible in release. Isolate immediate hazar done with minimal risk. Wear appeared to the modern of the reach of children. Do not easy to the reach of children. Do not easy to the reach of children. Do not easy to the reach of children. Use of decontaminate any spills or residure. Use and store in a cool, dry, well-ver Store in acid-resistant containers.	or sand to naterials de area a propriet ossible a ewer or se ewer or se exercised at, drink nly in veles. The second even at, drink nly in veles. The second even at the second exercised	o soak u (e.g., or and keep e protect and colle surface w  ORAC and skin or smoke entilated location ontainers	p the produ ganics such unauthorizative equipm ct in acid-re- vaters.  BE INFO contact. When hand areas. Keep (e.g., local ess covered when hand	ct and p as oil) a ed perso ent inclusistant o	lace into a away from onnel out uding respondainer.  ATION ective eques product, the reach ventilation in use. A	icontaine spill. Sta of area. irratory pr Use abso ipment w Wash the of childr fans) aw void temp	er for late by upwind Stop spill rotection orbent to  hen hand oroughly ren. Imm ray from h oratures	r disposed and aw I or rele as conceptick up diling provential and a disposed and	eal.  vay from spase if it can ditions wan residue. A  oduct. Kee andling. D y clean-up	pill pill rrai
.2		inert material such as vermiculite of Large Spills: Keep incompatible in release. Isolate immediate hazar done with minimal risk. Wear appeared to the modern of the reach of children. Do not easy expose to heat and flame. Use of decontaminate any spills or residuely.	or sand to naterials de area a propriet ossible a ewer or see at, drink nly in veles. The stances or see at a control of the s	o soak u (e.g., or and keep e protect and colle surface w  ORAC and skin or smoke entilated location ontainers (See See	p the produ ganics such unauthorizative equipm ct in acid-re- vaters.  BE INFC contact. When hand areas. Keep (e.g., local ess covered with	ct and p as oil) a ed perso ent inclusistant o	lace into a away from onnel out uding respondainer.  ATION ective eques product, the reach ventilation in use. A	icontaine spill. Sta of area. irratory pr Use abso ipment w Wash the of childr fans) aw void temp	er for late by upwind Stop spill rotection orbent to  hen hand oroughly ren. Imm ray from h oratures	r disposed and aw I or rele as conceptick up diling provential and a disposed and	eal.  vay from spase if it can ditions wan residue. A  oduct. Kee andling. D y clean-up	pill pill rrai
7.2	Storage & Handling:	inert material such as vermiculite of Large Spills: Keep incompatible in release. Isolate immediate hazar done with minimal risk. Wear appeared to the modern of the reach of children. Do not ear expose to heat and flame. Use of decontaminate any spills or residue use and store in a cool, dry, well-ve Store in acid-resistant containers. Keep away from incompatible sub Empty containers may retain hazar	or sand to naterials darea a propriet ossible a sewer or	o soak u (e.g., or and keep e protect and colle surface v  ORAC and skin or smoke entilated location ontainers (See Ser oduct re-	p the produ ganics such unauthorize tive equipm ct in acid-re vaters. <b>BE INFC</b> contact. We when hand areas. Keep (e.g., local es s covered we ction 10). Presidues.	ct and p as oil) a ed perso ent inclusistant o	lace into a away from onnel out uding respondainer.  TION ective equestive reach the reach ventilation in use. A intainers fill	icontaine spill. Sta of area. iratory pr Use abso ipment w Wash the of childr fans) aw void temp	er for late by upwind Stop spill rotection orbent to  hen hand oroughly ren. Imm ay from h peratures ical dama	r disposed and aw I or rele as conceptick up diling provential and a disposed and	eal.  vay from spase if it can ditions wan residue. A  oduct. Kee andling. D y clean-up	pill pill rran Avo
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7.2	Storage & Handling:  Special Precautions:  Exposure Limits: ppm (mg/m³)  Ventilation & Engineering	inert material such as vermiculite of Large Spills: Keep incompatible in release. Isolate immediate hazar done with minimal risk. Wear appropriate Recover as much free liquid as possible discharging liquid directly into a second seco	or sand to naterials de area a opropriat ossible a ewer or se ewer or se ewer or se ewer or se executive de at, drink nly in vees. entilated Keep constances redous propriate de acceptance de accepta	o soak u (e.g., or and keep e protect and colle surface v  ORAC and skin or smoke entilated  location ontainers (See See oduct re- gill stel (2) o effectiv te decor	p the production production and production acid-revaters.  GE INFC contact. We when hand areas. Keep (e.g., local estates acovered with the production 10). Presidues.  ERSONA (1) ely remove at are genera 34, applicable	ct and proceeding this pout of the not rotect company and preceding the pout of the not rotect company and preceding the pout of the not rotect company and preceding the pout of the not rotect company and preceding the pout of the not rotect company and preceding the pout of the not rotect company and preceding the pout of the not rotect company and preceding the not rotect company and the notect company a	lace into a away from punnel out uding respondent.  TION ective eques product, the reach ventilation in use. A entainers find the product of the reach went in use. A entainers find the product of the reach of the respondent is available of the respondent in the respondent is available of the respondent in the respon	ipment w Wash the of children comphysion  PEL (1) up of vapable (e.g. ry protect ations, or	er for late by upwind Stop spill rotection orbent to  hen hand oroughly ren. Imm  ay from h beratures ical dama  OSHA  STEL NA bors or m , sink, sa  ion is need the Cana	r disposition of disposition of the control of the	orther	pill pill prant land land land land land land land land
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.1 .3 .3 .3	Storage & Handling:  Special Precautions:  Exposure Limits: ppm (mg/m³)  Ventilation & Engineering Controls:  Respiratory Protection:	inert material such as vermiculite of Large Spills: Keep incompatible in release. Isolate immediate hazar done with minimal risk. Wear appeared to make the process of the reach of children. Do not easy to the and store in a cool, dry, well-ve store in acid-resistant containers. Keep away from incompatible subtempty containers may retain haza to the material station.  8. EXPOSURE CONT  CHEMICAL NAME(S)  OXALIC ACID  Use local or general exhaust vent handling of this product. Ensure a station).  In instances where vapors or sprause only protection authorized by 2 CAS Standard Z94.4-93 and ap Australia.  Safety glasses with side shields in	or sand to naterials of area a opropriation ossible a sewer or sew	o soak u (e.g., or and keep e protect and colle surface w  ORAC and skin or smoke entilated location ontainers (See Ser oduct re  S & PI GIH  STEL (2) o effectiv te decor used wh  (e.g., ne	p the produganics such unauthorizative equipm ct in acid-revaters.  SE INFO contact. We when handareas. Keep (e.g., local es covered waters.  ERSONA (1) ely remove entamination of tare genera 34, applicable de of Canaden handling eoprene) where the contact of t	ct and per as oil) a ed person ent inclusistant of the sistant of	ROTEC  ESPEAK  NF  Ventilation in use. A intainers fill  respirato State regulation g this product.  g this product.	ipment w Wash the of children  (1)  PEL (1)  up of variable (e.g.  ry protect ations, or company or	er for late by upwind Stop spill objection or bent to when hand or oughly en. Imm ay from her beratures cal dama.  OSHA  STEL  NA  NA  OOSHA  ion is need the Canader State or otective or oduct.	r disposed and aw I or release control pick up diling provafter handiatel meat and above age.  IDLH (500) hist generates show a generate show	orther	pill pill prant land land land land land land land land



Page 3 of 6 **BTI-008** 

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards SDS Revision: 2.1 SDS Revision Date: 10/20/2021

		9. PHYSICAL & CHEMICAL PROPERTIES
9.1	Appearance:	Clear blue-green liquid
9.2	Odor:	Odorless
9.3	Odor Threshold:	NA NA
9.4	pH:	< 1.0
9.5	Melting Point/Freezing Point:	NA NA
9.6	Initial Boiling Point/Boiling	> 100 °C (> 212 °F)
9.7	Range: Flashpoint:	
9.8	Upper/Lower Flammability	NA
	Limits:	NA NA
9.9	Vapor Pressure:	NA NA
9.10	Vapor Density:	NA
9.11	Relative Density:	1.046
9.12	Solubility:	Complete (water)
9.13	Partition Coefficient (log Pow):	NA
9.14 9.15	Autoignition Temperature:  Decomposition Temperature:	NA NA
9.15	Viscosity:	NA NA
9.17	Other Information:	Evaporation Rate: > 1.0 (Ethyl Ether = 1.0)
0	Carlot anionnation.	Evaporation Nate. > 1.0 (Ethyl Ethel = 1.0)
		10. STABILITY & REACTIVITY
10.1	Stability:	Stable at normal temperatures.
10.2	Hazardous Decomposition	·
	Products:	Thermal decomposition may produce oxides of carbon, formic acid.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Excessive heat, shock, friction, incompatible substances.
10.5	Incompatible Substances:	Cyanides, strong oxidizers, furfuryl alcohol, most metals, sodium hypochlorite.
		44 TOVICOLOCICAL INFORMATION
11.1	Poutos of Entry:	11. TOXICOLOGICAL INFORMATION  Inhalation: VES   Absorption: VES   Ingestion: NO
11.2	Routes of Entry: Toxicity Data:	1 125
11.3	Acute Toxicity:	Oxalic Acid: LD <sub>50</sub> (oral, rat) = 375 mg/kg; Oxalic Acid: LD <sub>50</sub> (dermal, rabbit) = 20,000 mg/kg  See Section 4.4
11.4	Chronic Toxicity:	See Section 4.5
11.5	Suspected Carcinogen:	NA
11.6	Reproductive Toxicity:	This product is not reported to cause reproductive toxicity in humans.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.
•	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.
11.7	Irritancy of Product:	See Section 4.2
11.8	Biological Exposure Indices:	NE
11.9	Physician Recommendations:	Treat symptomatically.
		12. ECOLOGICAL INFORMATION
12.1	Environmental Stability:	Oxalic Acid: 89% - readily biodegradable
12.2	Effects on Plants & Animals:	No data available.
12.3	Effects on Aquatic Life:	Very toxic to aquatic life with long lasting effects. Oxalic Acid: LC <sub>50</sub> (Leuciscuc idus melanotus, 48h) – 160 mg/L; Oxalic Acid: EC <sub>50</sub> (Daphnia magna, 48h) – 162.2 mg/L
		40 DIODOGAL CONCIDEDATIONS
		13. DISPOSAL CONSIDERATIONS
13.1	Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be provided by a licensed facility or waste hauler.
13.2	Special Considerations:	U.S. EPA Hazardous Waste – Characteristic - Corrosive (D002)
		·



Other Requirements:

15.8

## **SAFETY DATA SHEET**

Page 4 of 6 **BTI-008** 

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

SDS Revision: 2.1

SDS Revision Date: 10/20/2021

### 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	UN3265, CORROSIVE LIQUIDS, ACIDIC, ORGANIC, N.O.S. (OXALIC ACID), 8, III
		LTD QTY (IP VOL ≤ 5.0 L)
14.2	IATA (AIR):	UN3265, CORROSIVE LIQUIDS, ACIDIC, ORGANIC, N.O.S. (OXALIC ACID), 8, III, LTD QTY (IP VOL ≤ 0.5 L), PI Y841
14.3	IMDG (OCN):	UN3265, CORROSIVE LIQUIDS, ACIDIC, ORGANIC, N.O.S. (OXALIC ACID), 8, III, LTD QTY (IP VOL ≤ 5.0 L)
14.4	TDGR (Canadian GND):	UN3265, CORROSIVE LIQUIDS, ACIDIC, ORGANIC, N.O.S. (OXALIC ACID), 8, III, LTD QTY (IP VOL ≤ 5.0 L)
14.5	ADR/RID (EU):	UN3265, CORROSIVE LIQUIDS, ACIDIC, ORGANIC, N.O.S. (OXALIC ACID), 8, III, LTD QTY (IP VOL ≤ 5.0 L)
14.6	SCT (MEXICO):	UN3265, LIQUIDOS CORROSIVOS, ACIDO, ORGANICO, N.E.P. (ACIDO OXALICO), 8, III, CANTIDAD LIMITADA (IP VOL ≤ 5.0 L)
14.7	ADGR (AUS):	UN3265, CORROSIVE LIQUIDS, ACIDIC, ORGANIC, N.O.S. (OXALIC ACID), 8, III, LTD QTY (IP VOL ≤ 5.0 L)



		15. REGULATORY INFORMATION
15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, sections 302 or 313 reporting requirements.
15.2	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 NA
15.5	Other Federal Requirements:	NA NA
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. WHMIS E, D2B (Corrosive, Other Toxic Effects).
15.7	State Regulatory Information:	Oxalic Acid is found on the following state criteria lists: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), Pennsylvania Right-to-Know List (PA), and Washington Permissible Exposures List (WA).  No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (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 <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .

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



Page 5 of 6 **BTI-008** 

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

SDS Revision: 2.1

SDS Revision Date: 10/20/2021

		16. OTHER INFO	DRMATION
16.1	Other Information:	Use as directed. Avoid breathing fumes/mist/vap eat, drink, or smoke when using this product. Wes SWALLOWED: Immediately call a POISON CEN Wash with plenty of soap and water. IF IN EYES: if present and easy to do. Continue rinsing. If eyes	OR IN CONTACT WITH SKIN. CAUSES EYE IRRITATION. cors/spray. Wash thoroughly with soap and water after handling. Do not ar protective gloves/ protective clothing/eye protection/face protection. IF ITER or doctor/physician if you feel unwell. Rinse mouth. IF ON SKIN: Rinse cautiously with water for several minutes. Remove contact lenses, a irritation persists: Get medical advice/attention. Specific treatment: see First Aid). Take off contaminated clothing and wash it before reuse. CHILDREN.
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	government regulations must be reviewed for a Technologies' knowledge, the information contai suitability or completeness is not guaranteed an The information contained herein relates only to the	OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other applicability to this product. To the best of ShipMate's & Birchwood ned herein is reliable and accurate as of this date; however, accuracy, d no warranties of any type, either expressed or implied, are provided. The specific product(s). If this product(s) is combined with other materials, Data may be changed from time to time. Be sure to consult the latest
16.4	Prepared for:	Birchwood Technologies 7900 Fuller Road Eden Prairie, MN 55344 USA Tel: +1 (952) 937-7900 Fax: +1 (952) 937-7979 http://www.birchwoodtechnologies.com	BIRCHWOOD® TECHNOLOGIES
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	ShipMate*  Dangerous Goods  Training & Consulting



Page 6 of 6 **BTI-008** 

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

SDS Revision: 2.1

SDS Revision Date: 10/20/2021

#### **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.

#### 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	
Ε			
F			





#### OTHER STANDARD ABBREVIATIONS:

Irritant
Not Available
Not Available
No Results
Not Determined
Not Established
Not Found
Self-Contained Breathing Apparatus
Sensitization
Specific Target Organ Toxicity – Repeat Exposure
Specific Target Organ Toxicity – Single Exposure

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY 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	FLAMMABILITY
1	Slight Hazard	\
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ <b>\ \ \</b> \
₩	Use No Water	HEALTH 🔪
ОХ	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals			
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal			
ppm	Concentration expressed in parts of material per million parts			
TDio	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, TCo, LCio, & LCo				
IARC	International Agency for Research on Cancer			
NTP	National Toxicology Program			
RTECS	Registry of Toxic Effects of Chemical Substances			
BCF	Bioconcentration Factor			
TLm	Median threshold limit			
log Kow or log Koc	Coefficient of Oil/Water Distribution			

### REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System					
DOT	U.S. Department of Transportation					
TC	Transport Canada					
EPA	U.S. Environmental Protection Agency					
DSL	Canadian Domestic Substance List					
NDSL	Canadian Non-Domestic Substance List					
PSL	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	<b>(4)</b>	<b>(2)</b>	(3)	$\odot$	(4)		(R)
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