

Page 1 of 6 **BTI-045** 

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards SDS Revision: 3.0 SDS Revision Date: 1/31/2022

1.1	1	1.	PRODUC	T & COM	<u>PANY</u>	IDE	N I II	-ICA	110	N				
	Product Name:	OXYPRI	ME® XPL											
1.2	Chemical Name:	Sulfuric Acid	Solution											
1.3	Synonyms:	881050, 881												
1.4	Trade Names:	OxyPrime® X	(LP											
1.5	Product Use:		uTemp® Proces											
1.6	Distributor's Name:	+	aboratories LLC											
1.7	Distributor's Address:	7900 Fuller Road, Eden Prairie, MN 55344 USA												
1.8	Emergency Phone:	ChemTrec +1 (800) 424-9300 / +1 (703) 527-3887 or Poison Control Center +1 (855) 281-1742												
1.9	Business Phone / Fax:	+1 (952) 937	7-7900 / +1 (952	2) 937-7979										
			2. H	AZARDS I	DENT	IFIC	ATIO	ON						
2.1	Hazard Identification:	Prepared in	accordance wit						nded	to cor	nplv w	ith OS	SHA 29	CFR 1910 120
			HMIS and Austr				i i a a i a c		naoa	.0 001	.p.y **	00	71 17 1 20	0111 1010.120
			CAUSES SEVE			-	AMAG	E.						
		Classification	n: Skin Corr. 1A											
2.2	Label Elements:		ements (H): H31				,		0					
			ry Statements (											
			n areas thoroug											
			ective clothing/entry ind											
			all contaminate											PO
			minated clothing											
			omfortable for b											
			atment – see S											
			rinse with water											
			sing. P405 – S			Dispo	se of	conter	nts/cor	ntainer	to a	licens	ed	
2.3	Other Warnings:		torage, or dispo											
2.3	Other Warnings.		of an exposure											
		center, who i	may seek advice	e nom me 0.5.	manulaci	urer, a	nu sn	w triei	11 11115	3D3.	Keep	out o	reacii	or crinaren.
		3 (	OMPOSIT	ION & INC	2DEDI	FNT	INF		ИΛΤ	ION				
		<u> </u>	OWIF OSTI		JINEDI	□ 14 I	1141	OIN			IMITS II	A AID (n	a a /m³\	
						ACC	GIH		NOHSC			OSH		
						pp	m		ppm			ppm	ı	
								ES-	ES-	ES-				OTHER
	ICAL NAME(C)	CACNI	DTECC No.	FINECS No.	0/	T1 1/	CTEL		CTEL		DEI	CTEL		I UITER
	ICAL NAME(S)	CAS No. 7332-18-5	RTECS No. ZC0110000	231-791-2	% 60-100	TLV NF	STEL NF	TWA NF	STEL NF	PEAK NF	PEL NF	STEL NF	IDLH NF	
		CAS No. 7332-18-5	RTECS No. ZC0110000	EINECS No. 231-791-2	% 60-100	TLV NE	NE NE	NF	NF.	NF	NE NE	STEL NE	NE NE	
VATE	ER	7332-18-5 7664-93-9	ZC0110000 WS5600000											
VATE		7332-18-5	ZC0110000 WS5600000	231-791-2	60-100	NE	NE	NF	NF	NF	NE	NE	NE	
/ATE	ER	7332-18-5 7664-93-9	ZC0110000 WS5600000 x; H314	231-791-2	10-30	NE (1)	NE (2)	NF (1)	NF	NF	NE	NE	NE	
VATE	ER	7332-18-5 7664-93-9 Skin Corr. 1A	ZC0110000 WS5600000 x; H314	231-791-2 231-639-5 FIRST AI	10-30	(1)	(2)	NF (1)	NF (2)	NF NF	(1)	NE NA	NE (500)	
WATE	URIC ACID	7332-18-5 7664-93-9	ZC0110000  WS5600000 x; H314  4.  DO NOT INDU	231-791-2 231-639-5 FIRST AI JCE VOMITING	10-30  D ME	(1) ASUI	(2)  RES yCall	(1) +1 (855	(2) 5) 281-	NF NF -1742	(1)	NA NA	NE (500)	n Control Cente
VATE	URIC ACID	7332-18-5 7664-93-9 Skin Corr. 1A	WS5600000   WS5600000   X; H314   <b>4.</b>   DO NOT INDU   or local emerge	231-791-2 231-639-5 FIRST AI	10-30  D MEA  6. Contace number	(1)  ASUI t Safety for ass	(2)  RES  yCall -	(1) +1 (855) te and	(2) 5) 281- instruc	NF NF -1742 ctions	(1) or the	NA NA neares	NE (500)	n Control Cente
VATE	URIC ACID	7332-18-5 7664-93-9 Skin Corr. 1A	WS5600000  i; H314  DO NOT INDL or local emerg If vomiting occ	231-791-2 231-639-5 FIRST AI JCE VOMITING	D MEA  Contacte number usly, keep	(1)  ASUI t Safety for ass victim	(2)  RES yCall -sistand's hear	NF (1) (1) (1) (1) (1) (2) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	NF (2) 5) 281-instructed (for	NF NF -1742 ctions orward	(1) or the Seel to reconstruction	NA NA neares immediuce ti	(500) st Poisorediate mane risk o	n Control Centredical attention f aspiration.
VATE	URIC ACID	7332-18-5 7664-93-9 Skin Corr. 1A	WS5600000 x; H314  DO NOT INDL or local emerg If vomiting occ If product gets	231-791-2 231-639-5 FIRST AI JCE VOMITING gency telephone curs spontaneous	D MEA  60-100  D MEA  6. Contacte number usly, keep lush eyes	(1)  ASUI t Safety for assist victim thorou	(2)  RES yCall - sistance 's hear	NF (1) (1) (1) (1) (1) (2) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	(2) (5) 281-instruction (for priors)	NF NF -1742 ctions orward amou	(1) or the Seek) to reconts of	NA NA neares immediuce the water	(500) st Poisor ediate me risk of or at le	n Control Centredical attention f aspiration.
VATE	URIC ACID	7332-18-5 7664-93-9 Skin Corr. 1A	WS5600000 x; H314  4.  DO NOT INDL or local emerg if vomiting occ if product gets holding eyelid use, consult a	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or er	D MEA  6. Contace number usly, keep ush eyes ure comp mergency	(1)  ASUI  t Safet for asso victim thoroulete fluoroom i	(2)  RES yCall - sistance 's head ughly vishing. mmed	(1) -1 (855 ee and d lowe with co If the iately.	(2) (5) 281- instruction (for pious eyes of the control of the con	NF NF -1742 ctions prward amou	(1) or the Seek) to recents of e beco	NE NA neares c immeduce the water me sw	(500) st Poisorediate merisk of for at levellen du	n Control Cent ledical attentio f aspiration. least 15 minute laring or followir
/ATE	URIC ACID	7332-18-5 7664-93-9 Skin Corr. 1A	WS5600000 x; H314  4.  DO NOT INDL or local emerg If vomiting occ If product gets holding eyelid use, consult a Remove conta	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or er aminated clothir	D MEA  6. Contact e number usly, keep ush eyes ure comp mergency ng and wa	(1)  ASUI  t Safety for asso victim thorou lete flue room i ish affe	(2)  RES  yCall - sistance 's hear ughly v shing. mmed ected a	(1) (1) (1) (1) (1) (1) (2) (3) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(2) (2) (5) 281-instruction (for pious eyes (vith social)	NF NF -1742 ctions orward amou or face	or the Seel ) to recents of e beco	neares immoduce the water me sw	(500) st Poisor ediate me risk of at lead of the collen du scomfor	n Control Cent ledical attentio if aspiration. least 15 minute liring or following t persists and/
VATE	URIC ACID	7332-18-5 7664-93-9 Skin Corr. 1A Ingestion: Eyes:	WS5600000 x; H314  4.  DO NOT INDL or local emerg if vomiting occ if product gets holding eyelid use, consult a Remove conta the skin reacti	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or en aminated clothin on worsens, co	D MEA  6. Contact e number usly, keep ush eyes ure comp mergency ng and wa	(1)  ASUI  t Safety for asso victim thorou lete flue room i ish affe	(2)  RES  yCall - sistance 's hear ughly v shing. mmed ected a	(1) (1) (1) (1) (1) (1) (2) (3) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(2) (2) (5) 281-instruction (for pious eyes (vith social)	NF NF -1742 ctions orward amou or face	or the Seel ) to recents of e beco	neares immoduce the water me sw	(500) st Poisor ediate me risk of at lead of the collen du scomfor	n Control Centredical attention of aspiration. east 15 minute tring or following the persists and/
/ATE	URIC ACID	7332-18-5 7664-93-9 Skin Corr. 1A Ingestion: Eyes: Skin:	WS5600000 x; H314  4.  DO NOT INDL or local emerg if vomiting occ if product gets holding eyelid use, consult a Remove conta the skin reacti has been prop	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or er aminated clothir on worsens, co perly cleaned.	D MEA  6. Contact e number usly, keep ush eyes ure comp nergency ng and wa ntact a ph	(1)  ASUI  t Safety for asso victim thoroulete flue room i ssh affe	(2)  (2)  (2)  (3)  (4)  (5)  (5)  (6)  (6)  (7)  (7)  (8)  (8)  (9)  (9)  (9)  (10)	(1)  +1 (855 e and d lower with color lifthe iately. Irreas wediately.	(2) (2) (5) 281- instruction (for priors eyes of controls eyes eyes of controls eyes of controls eyes of controls eyes eyes eyes eyes eyes eyes eyes ey	NF NF -1742 ctions orward amou or face ap and not we	or the Seel ) to recents of become display to the seel of the seel	nearest immediace the water me sw	st Poison ediate m ne risk o for at le rollen du scomfor ated clot	n Control Centredical attention of aspiration. sast 15 minute ring or following the persists and/thing until after
/ATE	URIC ACID	7332-18-5 7664-93-9 Skin Corr. 1A Ingestion: Eyes:	WS5600000 x; H314  4.  DO NOT INDL or local emerg if vomiting occ if product gets holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victim	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or er aminated clothir on worsens, co erly cleaned. In to fresh air at c	D MEA  60-100  D MEA  6. Contact  6. Contact  6. number  6. usly, keep  6. usly, keep  6. usly weep  6. usly weep  6. and wa  6. and	(1)  ASUI  t Safety for asso victim thoroulete flue room i ssh affe	(2)  (2)  (2)  (3)  (4)  (5)  (5)  (6)  (6)  (7)  (7)  (8)  (8)  (9)  (9)  (9)  (10)	(1)  +1 (855 e and d lower with color lifthe iately. Irreas wediately.	(2) (2) (5) 281- instruction (for priors eyes of controls eyes eyes of controls eyes of controls eyes of controls eyes eyes eyes eyes eyes eyes eyes ey	NF NF -1742 ctions orward amou or face ap and not we	or the Seel ) to recents of become water considerate.	nearest immediace the water me sw	st Poison ediate m ne risk o for at le rollen du scomfor ated clot	n Control Centredical attention of aspiration. sast 15 minute ring or following the persists and/thing until after
ULF	URIC ACID  First Aid:	7332-18-5  7664-93-9 Skin Corr. 1A  Ingestion:  Eyes:  Skin: Inhalation:	WS5600000 x; H314  4.  DO NOT INDL or local emerg if vomiting occ if product gets holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victim Seek immedia	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or er aminated clothir on worsens, co erly cleaned. In to fresh air at oute medical atte	D MEA  6. Contact e number usly, keep ush eyes ure comp nergency ng and wa ntact a ph once. Unc	(1)  ASUI t Safety for asso victim thorous lete flui room i ash affety nysician	(2)  RES yCall - sistance 's hea ughly v shing, mmed ected a n imme	(1) (1) (1) (1) (2) (3) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(2) (5) 281- instruction (for prious eyes of yellow), Do rons, if both	NF NF -1742 ctions or ward amound face ap and the or the oreathing the o	(1) or the Seel to reconstruct of the become district of the seed	nearest immediace the water me sw	st Poison ediate me risk o for at le vollen du scomfor ated clot	n Control Centredical attention of aspiration. east 15 minute aring or following the persists and/thing until after ifficial respiration.
VATE	URIC ACID	7332-18-5 7664-93-9 Skin Corr. 1A Ingestion: Eyes: Skin:	WS5600000 x; H314  4.  DO NOT INDL or local emerg if vomiting occ if product gets holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victim Seek immedia Severe burns	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone urs spontaneous in the eyes, f (s) open to ens physician or er aminated clothir on worsens, co erly cleaned. In to fresh air at oute medical atter of mouth, throa	D MEA  60-100  10-30  D MEA  6. Contact  6. Contact  6. number  1. usly, keep  1. usly, keep  1. usly weep  1. usl	(1)  ASUI t Safety for asso victim thorous lete flui room i ash affer hysician ler extr	(2)  RES yCall - sistand 's head ughly vishing, mmed ected a n immed eme c	(1) (1) (1) (1) (2) (3) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(2) (5) 281- instruction (for pious eyes of y). Do rons, if bottoms	NF NF -1742 ctions or ward amound face ap and the or the oreathing the o	(1) or the Seel to reconstruct of the become district of the seed	nearest immediace the water me sw	st Poison ediate me risk o for at le vollen du scomfor ated clot	n Control Centeredical attention f aspiration. east 15 minute earing or following t persists and/ething until after ifficial respiration
VATE	URIC ACID  First Aid:	7332-18-5 7664-93-9 Skin Corr. 1A Ingestion: Eyes: Skin: Inhalation: Ingestion:	WS5600000 x; H314  4.  DO NOT INDL or local emerg if vomiting occ if product gets holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victim Seek immedia Severe burns May cause da	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or er aminated clothir on worsens, co erly cleaned. In to fresh air at oute medical atter of mouth, throat mage to kidney	D MEA  60-100  10-30  D MEA  6. Contact  6. Contact  6. number  1. usly, keep  1. usly, keep  1. usly keep  1. usl	(1)  ASUI t Safety for asso victim thorous lete flui room i ash affer hysician ler extr	(2)  RES yCall - sistand 's head ughly vishing, mmed ected a n immed eme c	(1) (1) (1) (1) (2) (3) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(2) (5) 281- instruction (for pious eyes of y). Do rons, if bottoms	NF NF -1742 ctions or ward amound face ap and the or the oreathing the o	(1) or the Seel to reconstruct of the become district of the seed	nearest immediace the water me sw	st Poison ediate me risk o for at le vollen du scomfor ated clot	n Control Centredical attention of aspiration. east 15 minute aring or following the persists and/thing until after ifficial respiration.
ULF	URIC ACID  First Aid:	7332-18-5 7664-93-9 Skin Corr. 1A Ingestion: Eyes: Skin: Inhalation: Ingestion: Eyes:	WS5600000 x; H314  4.  DO NOT INDL or local emerg if vomiting occ if product gets holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victim Seek immedia Severe burns May cause da Severe or peri	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or er aminated clothir on worsens, co erly cleaned. In to fresh air at oute medical atte of mouth, throat mage to kidney manent eye date	D MEA  60-100  10-30  D MEA  6. Contact  6. Contact  6. number  1. usly, keep  1. usly, keep  1. usly, keep  1. usly keep  1. us	(1)  ASUI t Safety for asso victim thorous lete flui room i ash affer hysician ler extr	(2)  RES yCall - sistand 's head ughly vishing, mmed ected a n immed eme c	(1) (1) (1) (1) (2) (3) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(2) (5) 281- instruction (for pious eyes of y). Do rons, if bottoms	NF NF -1742 ctions or ward amound face ap and the or the oreathing the o	(1) or the Seel to reconstruct of the become district of the seed	nearest immediace the water me sw	st Poison ediate me risk o for at le vollen du scomfor ated clot	n Control Centicedical attention of aspiration. east 15 minute aring or following the persists and/thing until after ifficial respiration.
ULF	URIC ACID  First Aid:	7332-18-5 7664-93-9 Skin Corr. 1A Ingestion: Eyes: Skin: Inhalation: Ingestion: Eyes: Skin:	WS5600000 x; H314  4.  DO NOT INDL or local emergif vomiting occ if product gets holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victim Seek immedia Severe burns May cause da Severe or pen Severe irritatio	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or er aminated clothir on worsens, co erly cleaned. In to fresh air at oute medical atte of mouth, throat mage to kidney manent eye dat on and possible	D MEA  60-100  D MEA  6. Contact  6. Contact  6. number  1. usly, keep  1. usly, keep  1. usly keep	(1)  ASUI t Safety for association thorough ish affer hysician der extr mach. Fing in bl	(2)  RES yCall sistand 's head ughly vishing. mmed ected a n immed eme co	(1) (1) (1) (1) (2) (3) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(2) (5) 281- instruction (for prious eyes of prious eyes of prious eyes of the prious for prious eyes of the priority eyes eyes of the priority eyes eyes eyes eyes eyes eyes eyes ey	NF NF 1742 -	(1)  or the Seel to reconstruct the become stop of the property of the propert	neare: k immo water me sw r. If di ttamin: ps, per	NE (500)  st Poison ediate me risk of for at levollen du scomfor ated clot form art omiting,	n Control Centicedical attention of aspiration. east 15 minute tring or following until after ifficial respiration abdominal pai
VATE ULF 4.1	ER URIC ACID  First Aid:  Effects of Exposure:	7332-18-5  7664-93-9 Skin Corr. 1A  Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation:	WS5600000 x; H314  4.  DO NOT INDL or local emerg if vomiting occ if product gets holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victim Seek immedia Severe burns May cause da Severe or peri Severe irritatic If sprayed, severe	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or er aminated clothir on worsens, co erly cleaned. In to fresh air at oute medical atte of mouth, throat mage to kidney manent eye dat on and possible ere irritation of re-	D MEA  6. Contact e number usly, keep ush eyes ure comp nergency ng and wa ntact a ph once. Unc ntion. t and stor vs, resultin mage. burns. espiraton	(1)  ASUI t Safety for asso victim thorou lete flui room i ash affety rysician der extr mach. Fing in bl	(2)  RES yCall sistand 's head ughly vishing. mmed ected a n immed eme co	(1) (1) (1) (1) (2) (3) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(2) (5) 281- instruction (for prious eyes of prious eyes of prious eyes of the prious for prious eyes of the priority eyes eyes of the priority eyes eyes eyes eyes eyes eyes eyes ey	NF NF 1742 -	(1)  or the Seel to reconstruct the become stop of the property of the propert	neare: k immo water me sw r. If di ttamin: ps, per	NE (500)  st Poison ediate me risk of for at levollen du scomfor ated clot form art omiting,	n Control Centicedical attention of aspiration. east 15 minute tring or following until after ifficial respiration abdominal pai
VATE ULF 4.1	URIC ACID  First Aid:	7332-18-5  7664-93-9 Skin Corr. 1A  Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Ingestion:	ws5600000 x; H314  4.  DO NOT INDL or local emerg if vomiting occ if product gets holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victim Seek immedia Severe burns May cause da Severe or peri Severe irritatic If sprayed, sever	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or er aminated clothir on worsens, co erly cleaned. In to fresh air at oute medical atte of mouth, throat mage to kidney manent eye dat on and possible ere irritation of r initing, severe al	D MEA  6. Contact e number usly, keep ush eyes ure comp nergency ng and wa ntact a ph once. Unc ntion. t and stor vs, resultin mage. burns. espirator odominal	(1)  ASUI t Safety for associated fluit room i ash affer nysician der extr mach. Fing in bl / tract a pain.	(2)  (2)  (2)  (3)  (4)  (5)  (5)  (6)  (6)  (7)  (7)  (8)  (8)  (9)  (9)  (9)  (10)	(1) (1) (1) (1) (1) (2) (2) (3) (4) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(2) (5) 281- instruction (for prious eyes of prious eyes of prious eyes of the prious for prious eyes of the priority eyes eyes of the priority eyes eyes eyes eyes eyes eyes eyes ey	NF NF 1742 -	(1)  or the Seel to reconstruct the become stop of the property of the propert	neare: k immo water me sw r. If di ttamin: ps, per	NE (500)  st Poison ediate me risk of for at levollen du scomfor ated clot form art omiting,	n Control Cent ledical attention f aspiration. east 15 minute ring or followin t persists and/ thing until after ificial respiration
VATE	ER URIC ACID  First Aid:  Effects of Exposure:	7332-18-5  7664-93-9 Skin Corr. 1A  Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Ingestion: Eyes: Skin: Inhalation: Ingestion: Eyes:	ws5600000  x; H314  A.  DO NOT INDL or local emerg If vomiting occ If product gets holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victim Seek immedia Severe burns May cause da Severe or pen Severe irritatic If sprayed, seve Nausea, vom Redness, bur	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or er aminated clothir on worsens, co erly cleaned. In to fresh air at oute medical atte of mouth, throa mage to kidney manent eye day on and possible ere irritation of r initing, severe al rning, irritation,	D MEA  5. Contact e number usly, keep lush eyes ure comp nergency ng and wa ntact a ph once. Unc ntion. t and stor rs, resultir mage. burns. respirator odominal and swel	(1)  ASUI t Safety for asso victim thorousete fluit room i ash affety rosh affety ash affety tract a pain. ling arc	(2)  (2)  (2)  (3)  (4)  (5)  (5)  (6)  (6)  (7)  (7)  (8)  (8)  (9)  (9)  (10	(1) (1) (1) (1) (1) (2) (2) (3) (4) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(2) (5) 281- instruction (for prious eyes of prious eyes of prious eyes of the prious for prious eyes of the priority eyes eyes of the priority eyes eyes eyes eyes eyes eyes eyes ey	NF NF 1742 -	(1)  or the Seel to reconstruct the become stop of the property of the propert	neare: k immo water me sw r. If di ttamin: ps, per	NE (500)  st Poison ediate me risk of for at levollen du scomfor ated clot form art omiting,	n Control Centredical attention of aspiration. east 15 minute tring or following until after difficial respiration abdominal pai
/ATE	ER URIC ACID  First Aid:  Effects of Exposure:	7332-18-5 7664-93-9 Skin Corr. 1A  Ingestion: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Ingestion: Eyes: Skin: Inhalation: Ingestion: Eyes: Skin: Inhalation:	ws5600000  x; H314  A.  DO NOT INDL or local emerg If vomiting occ If product gets holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victim Seek immedia Severe burns May cause da Severe or pen Severe irritatic If sprayed, seve Nausea, vom Redness, bur	231-791-2  231-639-5  FIRST AI  JCE VOMITING gency telephone curs spontaneous in the eyes, f (s) open to ens physician or er aminated clothir on worsens, co overly cleaned. In to fresh air at out te medical atte of mouth, throa mage to kidney manent eye da on and possible ere irritation of r niting, severe al rning, irritation, rning, itching, ra	60-100  10-30  D MEA  5. Contact e number usly, keep lush eyes ure comp nergency ng and wa ntact a ph once. Unc ntion. t and stor rs, resultir mage. burns. respirator odominal and swel ash, bliste	(1)  ASUI t Safety for ass victim thoroulete flue room i esh affe hysician der extr mach. Fing in bl / tract a pain. ling arc	(2)  (2)  (2)  (3)  (4)  (5)  (5)  (6)  (6)  (7)  (7)  (8)  (8)  (9)  (9)  (9)  (10)	(1) (1) (1) (1) (2) (3) (4) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(2) (5) 281- instruction (for prious eyes of prious eyes eyes eyes eyes eyes eyes eyes ey	NF NF -1742 ctions surward amou or face ap and ot we oreathi include	or the Seek) to recents of becoming stoler	neare: c immeduce ti water me sw r. If di tamin: ps, per	st Poisorediate me risk o for at levollen du scomfor atted clot form art	n Control Cen ledical attention f aspiration. east 15 minute ring or following t persists and thing until afte ifficial respiration



Page 2 of 6 **BTI-045** 

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

SDS Revision: 3.0

SDS Revision Date: 1/31/2022

4.4		4. FIRST	AID MEASU	JRES – c	cont'd						
r₹	Acute Health Effects:	May be harmful if inhaled. Materia tract. May be harmful if swallowed							es and u	pper res	oirato
4.5	Chronic Health Effects:	May damage the nervous system	, kidney and/or live	er.							
1.6	Target Organs:	Eyes, skin, lungs (corrosive), kidn	neys.								
.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target  HEALTH									3
	riggiarated by Exposure.	organs (eyes, skin, and respirato may be more susceptible to the et			/ function	FLAN	MMABI	LITY			0
		may be more susceptible to the el	nects of this subst	iance.		PHYS	SICAL	HAZARI	DS		1
						PRO:	TECTIV	/E EQU	IPMEN	т	Н
						EYES		SKIN	LUN		•
						1			,		
		5. FIRE	FIGHTING I	MEASUF	RES						
.1	Fire & Explosion Hazards:	Non-flammable. May react with m				n form ex	xplosive	mixtures	with		
.2	Extinguishing Methods:	Use fire-extinguishing media appr	ropriate for surrou	nding materi	als						
		approved or equivalent self-conta as for surrounding materials. degradation may produce oxides should be fought from a safe dist spray to cool fire-exposed surface control or dilution from entering se	Hazardous deco s of carbon, and/ ance. Keep conta es and to protect p	omposition por nitrogen, ainers cool upersonal. Fig	products hydrocar intil well a ght fire up	may be bons an after the b wind. P	e releas id/or der fire is ou revent ru	sed. The rivatives. ut. Use w unoff from	ermal Fire vater	3	1
		6. ACCIDEN	TAL RELEA	ASE ME	ASUR	ES					
		ventilation (open doors and windo and place into appropriate closed							with abs		nater
		regulations. Wash all affected contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mate and wash affected skin areas with bodies of water.	areas and outsid thoroughly before 8.8 L)), deny entry non-sparking too rial to separate co	e of contain reuse. to all unprote ls for recove ontainers for	ected indi ry and cle proper dis	olenty of viduals. eanup.	Dike an Transfer Remove	water and contain liquid to contami	d soap.  n spill wi containe inated cl	Remore th inert re ers for re othing p	fede ve a nate ecove romp
		contaminated clothing and wash For <u>large spills</u> (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mate and wash affected skin areas with	areas and outsid thoroughly before 8.8 L)), deny entry non-sparking tool rial to separate co th soap and water	e of contain reuse. to all unprote ls for recove entainers for r. Keep spill	ected indi ry and cle proper dis s and cle	olenty of viduals. eanup. T sposal. eaning ru	Dike an Transfer Remove	water and contain liquid to contami	d soap.  n spill wi containe inated cl	Remore th inert re ers for re othing p	fede ve a nate ecove romp
·.1	Work & Hygiene Practices:	contaminated clothing and wash For <u>large spills</u> (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mate and wash affected skin areas with bodies of water.	areas and outsid thoroughly before 8.8 L)), deny entry non-sparking too rial to separate coth soap and water  & STORAG void eye and skin eat, drink or smoke only in ventilated	e of contain reuse. to all unprote is for recove ontainers for recove. Keep spill  E INFO contact. We when hand	ected indi ry and cle proper dis s and cle  RMAT ear protec lling this p	viduals. eanup. sposal. eaning ru tive equiproduct.	Dike an Transfer Remove unoffs out	water and contain liquid to contaminat of municular when handhoroughly	d soap.  n spill wi contained inated cl icipal se	th inert rers for relothing pewers an	rede ve a nate ecoveromp d op
7.1	Work & Hygiene Practices:  Storage & Handling:	contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mate and wash affected skin areas with bodies of water.  7. HANDLING  Avoid breathing mists or spray. A of the reach of children. Do not expose to heat and flame. Use of decontaminate any spills or residues use and store in a cool, dry, well-vestore in acid-resistant containers.	areas and outsid thoroughly before 8.8 L)), deny entry non-sparking tool rial to separate coth soap and water  & STORAC void eye and skin eat, drink or smoke only in ventilated ues.  Tentilated location of Keep containers	e of contain reuse. to all unprote is for recove ontainers for recontact. We when hand areas. Keep (e.g., local executed when we covered when the reconstruction of the reconstructio	ected indi ry and cle proper dis s and cle  RMAT ear protec lling this p out of the	viduals. eanup. Tsposal. laning ru  TION tive equi product. he reach ntilation, use. Av	Dike an Transfer Remove unoffs ou Wash the of child fans) aword tem	water and contain liquid to contaminat of munication when handhoroughly liren. Imm	d soap.  n spill wi containe inated clicipal se  dling prey after hemediatel heat ance s above	th inert rers for reothing pewers an	fede ve a natel ecove romp d op Do i uup a
		contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mate and wash affected skin areas wit bodies of water.  7. HANDLING  Avoid breathing mists or spray. A of the reach of children. Do not e expose to heat and flame. Use of decontaminate any spills or residu	areas and outsid thoroughly before 8.8 L)), deny entry non-sparking tool rial to separate coth soap and water  & STORAC void eye and skin eat, drink or smoke only in ventilated ues.  Yentilated location (Keep containers ostances (see Sec	e of contain reuse. to all unprote is for recove ontainers for it. Keep spill of the contact. We when hand areas. Keep (e.g., local existion 10). Pro	ected indi ry and cle proper dis s and cle  RMAT ear protec lling this p out of the	viduals. eanup. Tsposal. laning ru  TION tive equi product. he reach ntilation, use. Av	Dike an Transfer Remove unoffs ou Wash the of child fans) aword tem	water and contain liquid to contaminat of munication when handhoroughly liren. Imm	d soap.  n spill wi containe inated clicipal se  dling prey after hemediatel heat ance s above	th inert rers for reothing pewers an	rompd op
.2	Storage & Handling:	contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mate and wash affected skin areas wit bodies of water.  7. HANDLING  Avoid breathing mists or spray. A of the reach of children. Do not e expose to heat and flame. Use of decontaminate any spills or residues use and store in a cool, dry, well-vector in acid-resistant containers. Keep away from incompatible subtempty containers may retain haza	areas and outsid thoroughly before 8.8 L)), deny entry non-sparking tool rial to separate count to soap and water  8 STORAC void eye and skin eat, drink or smoke only in ventilated lues.  Yentilated location (Neep containers ostances (see Secardous product research entry set and set an	e of contain reuse. to all unprote is for recove ontainers for it. Keep spill of the contact. We expend areas. Keep (e.g., local expectation 10). Prosidues.	ected indi ry and cle proper dis s and cle  RMAT ear protec lling this p out of the whaust ver nen not in stect conta	viduals. eanup. Tsposal. eaning ru  rion  rion  rion  rion  rion  rion  riutiation, use. Av  ainers fro	Dike an Transfer Remove unoffs ou Wash the of child fans) aword tempom physic	water and contain liquid to contaminat of municated when hand horoughly liren. Immay any from I peratures ical dama	d soap.  n spill wi containe inated clicipal se  dling prey after hemediatel heat ance s above	th inert rers for reothing pewers an	fede ve a natel ecove romp d op Do i uup a
.2	Storage & Handling:	contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mate and wash affected skin areas wit bodies of water.  7. HANDLING  Avoid breathing mists or spray. A of the reach of children. Do not e expose to heat and flame. Use of decontaminate any spills or residues use and store in a cool, dry, well-vestore in acid-resistant containers. Keep away from incompatible sub	areas and outsid thoroughly before 8.8 L)), deny entry non-sparking tool rial to separate count to soap and water  8 STORAC void eye and skin eat, drink or smoke only in ventilated lues.  Yentilated location (Neep containers ostances (see Secardous product research entry set and set an	e of contain reuse. to all unprote is for recove ontainers for it. Keep spill of the contact. We expend areas. Keep (e.g., local expectation 10). Prosidues.	ected indi ry and cle proper dis s and cle  RMAT ear protec lling this p out of the whaust ver nen not in stect conta	viduals. eanup. Tsposal. eaning ru  rion  rion  rion  rion  rion  rion  riutiation, use. Av  ainers fro	Dike an Transfer Remove unoffs ou Wash the of child fans) aword tempom physic	water and contain liquid to contaminat of municated when hand horoughly liren. Immay any from I peratures ical dama	d soap.  n spill wi containe inated clicipal se  dling prey after hemediatel heat ance s above	th inert rers for reothing pewers an	feder
.3	Storage & Handling:  Special Precautions:  Exposure Limits:	contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mate and wash affected skin areas wit bodies of water.  7. HANDLING  Avoid breathing mists or spray. A of the reach of children. Do not e expose to heat and flame. Use of decontaminate any spills or residues use and store in a cool, dry, well-vector in acid-resistant containers. Keep away from incompatible subtempty containers may retain haza	areas and outsid thoroughly before 8.8 L)), deny entry non-sparking tool rial to separate count to soap and water  8 STORAC void eye and skin eat, drink or smoke only in ventilated lues.  Yentilated location (Neep containers ostances (see Secardous product research entry set and set an	e of contain reuse. to all unprote is for recove ontainers for r. Keep spill SE INFO contact. We when hand areas. Keep (e.g., local existion 10). Prosidues.	ected indi ry and cle proper dis s and cle  RMAT ear protec lling this p out of the whaust venen not in tect conta	viduals. eanup. Ton sposal. laning ru  TION tive equi product. he reach ntilation, use. Av ainers fro	Dike an Transfer Remove unoffs ou Wash the of child fans) aword tempom physic	water and contain liquid to contaminat of municated when hand horoughly liren. Immay any from I peratures ical dama	d soap.  n spill wi containe inated clicipal se  dling prey after hemediatel heat ance s above	th inert rers for reothing pewers an	fede ve a natel ecove romp d op Do i uup a
.3	Storage & Handling:  Special Precautions:	contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mate and wash affected skin areas wit bodies of water.  7. HANDLING  Avoid breathing mists or spray. A of the reach of children. Do not e expose to heat and flame. Use of decontaminate any spills or residu. Use and store in a cool, dry, well-v Store in acid-resistant containers. Keep away from incompatible sub Empty containers may retain haza  8. EXPOSURE CONT	areas and outsid thoroughly before 8.8 L)), deny entry non-sparking tool rial to separate coth soap and water  & STORAG void eye and skin eat, drink or smoke only in ventilated location (Keep containers ostances (see Secardous product reservolus).    TROLS & PE   ACGIH   TLV   STEL	e of contain reuse. to all unprote is for recove ontainers for r. Keep spill contact. We when hand areas. Keep (e.g., local existion 10). Prosidues.	ected indi ry and cle proper dis s and cle  RMAT ear protec lling this p out of the whaust ven en not in tect conta  AL PR  NOHSC  ES- STEL	viduals. eanup. Tsposal. laning ru  TION tive equi product. he reach ntilation, use. Av ainers fro  OTEC	Dike an Transfer Remove unoffs ou Wash the of child fans) aw yold tempom physical PEL	water and contain liquid to a contaminate of municular of	d soap.  n spill wi contain in ated claicipal se diling proy after heat and sa above age.	th inert rers for reothing pewers and oduct. Kelandling. ly clean-d direct s 40 °C (1	rompd op
.2	Storage & Handling:  Special Precautions:  Exposure Limits:	contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mate and wash affected skin areas wit bodies of water.  7. HANDLING  Avoid breathing mists or spray. A of the reach of children. Do not e expose to heat and flame. Use of decontaminate any spills or residt. Use and store in a cool, dry, well-v Store in acid-resistant containers. Keep away from incompatible sub Empty containers may retain haze  8. EXPOSURE CONT	areas and outsid thoroughly before 8.8 L)), deny entry non-sparking tool rial to separate coth soap and water  & STORAG void eye and skin at, drink or smoke only in ventilated location. Keep containers estances (see Secardous product reservolus areas are setal to the search of the search of the search of the search outside the search	e of contain reuse. to all unprote is for recove ontainers for r. Keep spill see in the see when hand areas. Keep (e.g., local existion 10). Prosidues.	ected indigry and cle proper distant cle proper dis	viduals. eanup. Tsposal. laning ru  TION tive equi product. he reach ntillation, use. Avainers fro  OTEC  ES- PEAK NF ent builde	Dike an Transfer Remove unoffs ou Wash the of child fans) awayoid tempom physical PEL (1) up of va	water and contain liquid to a contaminate of munical dama of the contaminate of munical dama of the contain liquid to find the contain liquid the co	d soap.  n spill wi contain nated clicipal se diicipal	Remove the inert rers for resoluting pewers and coduct. Kn andling. By cleaned direct s 40 °C (1	federive a naterior anaterior anater
.3	Storage & Handling:  Special Precautions:  Exposure Limits: ppm (mg/m³)  Ventilation & Engineering	contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mate and wash affected skin areas wit bodies of water.  7. HANDLING  Avoid breathing mists or spray. A of the reach of children. Do not e expose to heat and flame. Use of decontaminate any spills or residu. Use and store in a cool, dry, well-v Store in acid-resistant containers. Keep away from incompatible sub Empty containers may retain haza  8. EXPOSURE CONT  CHEMICAL NAME(S)  SULFURIC ACID  Use local or general exhaust verhandling of this product. Ensure a	areas and outsid thoroughly before 8.8 L)), deny entry non-sparking tool rial to separate coth soap and water  & STORAG void eye and skin eat, drink or smoke only in ventilated location (see Sec ardous product research to the same setting of the same setting outside the same setting of the same setting outside same setting outs	e of contain reuse. to all unprote ls for recove ontainers for r. Keep spill SE INFO contact. We when hand areas. Keep (e.g., local existion 10). Prosidues.  ERSONA  ES-TWA  (1)  ely remove a stamination existion existing existi	ected individual proper distance of the prope	viduals. eanup. To sposal. laning ru  TION  tive equi broduct. he reach  ntilation, use. Av ainers fro  OTEC  ES- PEAK NF ent buildut t is availa espirator ate regula	Dike an Transfer Remove inoffs ou ipment w Wash the of child fans) away oid tempor physical properties of the control of the c	water and contair liquid to a contaminate of munical dama when handhoroughly liren. Imperatures ical dama osha stell NA pors or no l., sink, sa or the Car	d soap.  n spill wi containen nated clicipal se diicipal se diicip	Remove the inert rers for resoluting pewers and coduct. Kn andling. By cleaned direct s 40 °C (1	fedeeve a nate ecoveromp dop



Page 3 of 6 **BTI-045** 

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

SDS Revision: 3.0

SDS Revision Date: 1/31/2022

	8. 1	EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd
8.5	Hand Protection:	Wear protective, chemical-resistant gloves (e.g., neoprene) when using or handling this product.
8.6	Body Protection:	A chemical resistant apron and/or protective clothing are recommended when handling or using this product.
		9. PHYSICAL & CHEMICAL PROPERTIES
9.1	Appearance:	
9.2	Odor:	Grayish brown liquid
9.2	Odor Threshold:	Odorless
9.4		NA Laboratoria de la constanta
9.4	pH:  Melting Point/Freezing Point:	< 1.0
9.6	Initial Boiling Point/Boiling Range:	NA > 100 °C (> 212 °F)
9.7	Flashpoint:	NA NA
9.8	Upper/Lower Flammability Limits:	NA NA
9.9	Vapor Pressure:	NA NA
9.10	Vapor Density:	NA
9.11	Relative Density:	1.14
9.12	Solubility:	Miscible
9.13	Partition Coefficient (log Pow):	NA NA
9.14	Autoignition Temperature:	NA .
9.15	Decomposition Temperature:	NA NA
9.16	Viscosity:	NA .
9.17	Other Information:	Evaporation Rate: > 1.0 (ethyl ether = 1.0)
10.1	Stability:	10. STABILITY & REACTIVITY  Stable at normal temperatures.
10.2	Hazardous Decomposition	·
10.0	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, strong bases, water-reactive substances, chlorinated cleaners or sanitizers, metals such as aluminum, zinc and magnesium.
		11. TOXICOLOGICAL INFORMATION
11.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: YES
11.2	Toxicity Data:	Sulfuric Acid: LD <sub>50,</sub> oral, rat: 2140 mg/kg
11.3	Acute Toxicity:	See Section 4.4
11.4	Chronic Toxicity:	See Section 4.5
11.5	Suspected Carcinogen:	IARC has classified "strong inorganic acid mists containing sulfuric acid" as Category 1, a known human carcinogen. The classification applies only to mists containing sulfuric acid and not to sulfuric acid or sulfuric acid solutions.
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.
11 7	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:	No data available
12.2	Effects on Plants & Animals:	No data available.
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 fa to overexposed aquatic life.



Other Requirements:

## **SAFETY DATA SHEET**

Page 4 of 6 **BTI-045** 

Prep	ared to OSHA, ACC, AN	SI, WHSR, WHMIS, GHS & EU Standards	SDS Revision: 3.0	SDS Revision Date: 1/31/2022
		13. DISPOSAL CON	SIDERATIONS	
13.1	Waste Disposal:	Review current local, state and federal laws, code disposal method for the ingredients listed in Sectifederal laws and regulations. Contact the appropidisposal of hazardous waste must be provided by	on 2. Any disposal practice must riate agency for specific informa	be in compliance with local, state, and tion. Treatment, transport, storage and
13.2	Special Considerations:	U.S. EPA Hazardous Waste – Characteristic - Cor	rrosive (D002)	
		14. TRANSPORTATIO	N INFORMATION	
		nber, proper shipping name, hazard class & division e required by 49 CFR, IATA/ICAO, IMDG and the C		ch mode of transportation. Additional
14.1	49 CFR (GND):	CONSUMER COMMODITY, ORM-D (IP VOL ≤ 5.0 UN2796, SULFURIC ACID, 8, IILTD QTY (IP VOL		
14.2	IATA (AIR):	UN2796, SULFURIC ACID, 8, II, LTD QTY (IP VOL	_ ≤ 0.1 L), PI Y840	
14.3	IMDG (OCN):	UN2796, SULFURIC ACID, 8, II, LTD QTY (IP VOL	_ ≤ 1.0 L)	
14.4	TDGR (Canadian GND):	UN2796, SULFURIC ACID, 8, II, LTD QTY (IP VOL	_ ≤ 1.0 L)	CORROSIVE
14.5	ADR/RID (EU):	UN2796, SULFURIC ACID, 8, II, LTD QTY (IP VOL	_ ≤ 1.0 L)	0
14.6	SCT (MEXICO):	UN2796, ACIDO SULFURICO, 8, II, CANTIDAD	LIMITADA (IP VOL ≤ 1.0 L)	
14.7	ADGR (AUS):	UN2796, SULFURIC ACID, 8, II, LTD QTY (IP VOL	_ ≤ 1.0 L)	Y
		15. REGULATORY I	NFORMATION	
15.1	SARA Reporting Requirements:	This product contains Sulfuric acid, a substance	subject to section 313 of SARA	Fitle III and 40 CFR part 373.
15.2	SARA TPQ:	Sulfuric Acid: 454 kg (1,000 lbs)		
15.3 15.4	TSCA Inventory Status:	The components of this product are listed on the	TSCA Inventory.	
15.4	CERCLA Reportable Quantity:  Other Federal Requirements:	NA Sulfuric acid is listed as a Hazardous Substanc	a under the CWA. None of the	chamicals in this product are listed as
		Priority Pollutants under the CWA. None of the c		
15.6	Other Canadian Regulations:	This product has been classified according to the all of the information required by the HPR. T DSL/NDSL. None of the components of this production WHMIS Class E (Corrosive Material). WHMIS Cl	The components of this product roduct are listed on the Priorities	are listed on the s Substances List.
15.7	State Regulatory Information:	Sulfuric Acid is found on the following state crite Substances List (MA), Minnesota Hazardous Su Right-to-Know List (PA), and Washington Permis No other ingredients in this product, present in a criteria lists: California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances Substances List (MN), New Jersey Right-to-Known California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances Substances List (MN), New Jersey Right-to-Known California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances List (MN), New Jersey Right-to-Known California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances List (MN), New Jersey Right-to-Known California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances List (MN), New Jersey Right-to-Known California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances California Proposition 65 (CA65), List (FL), Massachusetts Hazardous Substances California Proposition 65 (CA65), List (FL), Massachusetts Hazardous California Proposition 65 (CA65), List (FL), Massachusetts Hazardous California Proposition 65 (CA65), List (FL), Massachusetts Hazardous California Proposition 65 (CA65), List (FL), List (	eria lists: Florida Toxic Substance abstances List (MN), New Jersey esible Exposures List (WA). concentration of 1.0% or greater Delaware Air Quality Manageme List (MA), Michigan Critical Subs	es List (FL), Massachusetts Hazardous Right-to-Know List (NJ), Pennsylvania r, are listed on any of the following state ent List (DE), Florida Toxic Substances stances List (MI), Minnesota Hazardous

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

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

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-045** 

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

SDS Revision: 3.0

SDS Revision Date: 1/31/2022

		16. OTHER INFO	ORMATION			
16.1	Other Information:	DANGER! CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. Do not breathe dusts or mists. Wash hands and exposed skin areas thoroughly with soap and warm water after handling. Wear protective gloves/ protective clothing/eye protection/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Immediately rinse skin with water for several minutes. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician. Specific treatment – see Section 4 of this Safety Data Sheet. IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store Locked up. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN.				
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.				
16.3	Disclaimer:	government regulations must be reviewed for Technologies' knowledge, the information contai suitability or completeness is not guaranteed an The information contained herein relates only to t	OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other applicability to this product. To the best of ShipMate's & Birchwood ined herein is reliable and accurate as of this date; however, accuracy, d no warranties of any type, either expressed or implied, are provided. he specific product(s). If this product(s) is combined with other materials, Data may be changed from time to time. Be sure to consult the latest			
16.4	Prepared for:	Birchwood Technologies 7900 Fuller Road Eden Prairie, MN 55344 USA Tel: +1 (952) 937-7900 Fax: +1 (952) 937-7979 http://www.birchwoodtechnologies.com	BIRCHWOOD® TECHNOLOGIES			
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	ShipMate*  Dangerous Goods Training & Consulting			



Page 6 of 6 **BTI-045** 

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

SDS Revision: 3.0

SDS Revision Date: 1/31/2022

### **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

#### **GENERAL INFORMATION:**

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

#### **EXPOSURE LIMITS IN AIR:**

ACGIH	American Conference on Governmental Industrial Hygienists
IDLH	Immediately Dangerous to Life and Health
NOHSC	National Occupational Health and Safety Commission (Australia)
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

#### FIRST AID MEASURES:

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

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

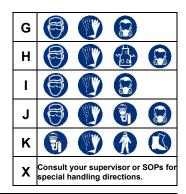
#### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

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



### PERSONAL PROTECTION RATINGS:

Α			
В			
С			
D			
Е			
F		TT,	





#### OTHER STANDARD ABBREVIATIONS:

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

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILI	TY LIMITS IN AIR:
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

#### **HAZARD RATINGS:**

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

#### 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			
TD <sub>lo</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, TCo, LCio, & LCo				
IARC	International Agency for Research on Cancer			
NTP	National Toxicology Program			
RTECS	Registry of Toxic Effects of Chemical Substances			
BCF	Bioconcentration Factor			
TLm	Median threshold limit			
log Kow or log Koc	Coefficient of Oil/Water Distribution			

### REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System				
DOT	U.S. Department of Transportation				
TC	Transport Canada				
EPA	U.S. Environmental Protection Agency				
DSL	Canadian Domestic Substance List				
NDSL	Canadian Non-Domestic Substance List				
PSL	PSL Canadian Priority Substances List				
TSCA	TSCA U.S. Toxic Substance Control Act				
EU	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>③</b>	(3)	$\odot$	<b>®</b>		
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:

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