

Page 1 of 6 **GG-014** 

	T	1.	PRODUCT	I & COM	, , , , , ,	IDLI	AIIL	ICA	HOI	<u> </u>					
1.1	Product Name:	GRANIT	E GOLD S	QUEEZE	& MO	P FL	OOF	R CL	_EAI	<b>NER</b>					
1.2	Chemical Name:	Aqueous Sol	ution												
1.3	Synonyms:	GG0046													
1.4	Trade Names:	Granite Gold	Squeeze & Mop	Floor Cleaner	(207-006	6000-1)									
1.5	Product Use:	Cleaner													
1.6	Distributor's Name:	Granite Gold													
1.7	Distributor's Address:		eake Drive, San												
1.8	Emergency Phone:	CHEMTRE	EC +1 (703) 5	27-3887 / +	-1 (800)	424-9	9300								
1.9	Business Phone / Fax:	Tel: +1 (858)	499-8933												
			2 11 1	74 DDC I	DENT	IEIC	^ TIO	141							
2.1	Hazard Identification:	1		ZARDS I											
2.1	nazaru identincation.		is not classifie												
			criteria of NOHS the OSHA 2012 I						a). Ini	s prod	uct is	NOT	assiiie	as na	azardous
		_	HARMFUL IF SW						I. CAL	ISES S	SERIO	US EY	E IRR	TATIO	٧.
			: Acute Tox. 4; S						0,						
2.2	Label Elements:		ments (H): H302			. H315	– Cau	ises s	kin irrit	ation.					
			es serious eye ir												
			<u>y Statements</u> (P)											_	
			using this produc												
			ON CENTER/doc												
			p and water. P30 move contact le											<b>\</b> :	
			ee section 4 of												
			ce/attention. P33											•	
			aminated clothin												
								•							
an approved waste disposal plant.															
2.3	2.3 Other Warnings: In the event of an exposure or medical inquiry involving this product, please contact a physician or center, who may seek advice from the U.S. manufacturer, and show them this SDS. Aqueous sol				uiry involv	ving this	s prod	uct, p	lease o	contact	a phy	/sician	or loca	al poiso	n contro
2.3	Other warnings.	center, who	may seek advice												
2.3	Other Warnings.		may seek advice												
2.3	Other Warnings.	center, who reach of child	may seek advice Iren.	e from the U.S	S. manufa	acturer,	, and s	show	them th	his SD					
2.3	Oner warnings.	center, who reach of child	may seek advice	e from the U.S	S. manufa	acturer,	, and s	show	them th	his SD					
2.3	Oner warnings.	center, who reach of child	may seek advice Iren.	e from the U.S	S. manufa	acturer,	, and s	ORN	IATI	nis SD	S. Aq		solutio		
2.3	Oner warnings.	center, who reach of child	may seek advice Iren.	e from the U.S	S. manufa	ENT	INF	ORN	MATI EXPO	nis SD	S. Aq	AIR (mg	solutio		
2.3	Oner warnings.	center, who reach of child	may seek advice Iren.	e from the U.S	S. manufa	ENT	INF	ORN	MATI EXPOS NOHSC ppm	ON SURE LI	S. Aq	ueous	solutio		
		center, who reach of child	may seek advice Iren.  OMPOSITIO	ON & INC	S. manufa	ENT ACC	INF(	ORN Es-	MATI EXPO NOHSC ppm ES-	ON SURE LI	MITS IN	AIR (mg OSHA ppm	solutio	n. Kee	ep out o
HEM	CAL NAME(S)	center, who reach of child	may seek advice Iren.	e from the U.S	S. manufa	ENT	INF	ORN	MATI EXPOS NOHSC ppm	ON SURE LI	S. Aq	AIR (mg	solutio	n. Kee	
	CAL NAME(S)	CAS No.	may seek advice Iren.  OMPOSITIO	ON & INC  EINECS No.  231-191-2	S. manufa	ENT  ACC  PP  TLV	INF(	ORN ES- TWA	MATI EXPO: NOHSC ppm ES- STEL	ON SURE LI ES- PEAK	MITS IN	AIR (mg OSHA ppm	solutions/m³)	on. Kee	ther
H <b>EM</b> VATI	CAL NAME(S)	center, who reach of child 3. C  CAS No. 7732-18-5  67-63-0	may seek advice Iren.  OMPOSITIO  RTECS No.  ZC0110000	ON & INC  EINECS No. 231-191-2  200-661-7	% 60-100	ENT  ACC  PP  TLV	INF(	ORN ES- TWA	MATI EXPO: NOHSC ppm ES- STEL	ON SURE LI ES- PEAK	MITS IN	AIR (mg OSHA ppm	solutions/m³)	n. Kee	ther
HEM!	CAL NAME(S)	center, who reach of child a. C. CAS No. 7732-18-5 67-63-0 Flam. Liq. 2;	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S	ON & INC  EINECS No. 231-191-2  200-661-7 3E 3; H225, H31	% 60-100 0.1-1 9, H336	ENT  ACC  PP  TLV  NA  400	INF(	ORN  ES- TWA NF  400	MATI EXPO: NOHSC ppm ES- STEL NF	ON SURE LI PEAK NF	PEL NA	AIR (mg OSHA ppm STEL NA	solution  y/m³)  IDLH  NA  2000	on. Kee	THER
HEM /ATI	CAL NAME(S)	center, who reach of child a. C. CAS No. 7732-18-5 67-63-0 Flam. Liq. 2; 112-34-5	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000	ON & INC  EINECS No. 231-191-2  200-661-7 3E 3; H225, H31	% 60-100	ENT  ACC  PP  TLV  NA	INF(	ORN  ES- TWA  NF	MATI EXPO: NOHSC ppm ES- STEL NF	ON SURE LI ES- PEAK NF	MITS IN	AIR (mg OSHA ppm STEL NA	solution  y/m³)  IDLH  NA	on. Kee	ther
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HEM /ATI	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE	center, who reach of child and content of child are content of child are content of child are content of conte	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319	EINECS No. 231-191-2 200-661-7 3E 3; H225, H31 203-961-6	% 60-100  0.1-1 9, H336 0.1-1  0.1-1	ENT ACC PP TLV NA 400 NA	INFO	ORN  ES- TWA  NF  400	MATI EXPO NOHSC ppm ES- STEL NF	ON SURE LI ES- PEAK NF	MITS IN  PEL  NA  400  NA	AIR (mg OSHA ppm STEL NA 200	solution  J/m³)  IDLH  NA  2000  NA	on. Kee	ther
HEM /ATI	CAL NAME(S) ER ROPANOL COL ETHER DB	center, who reach of child and content of child are content of child are content of child are content of conte	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irr	EINECS No. 231-191-2 200-661-7 SE 3; H225, H31 203-961-6 205-788-1 rit. 2; H302, H31	% 60-100  0.1-1 9, H336 0.1-1  0.1-1 5, H319	ENT  ACC  PP  TLV  NA  400	INFO	ES-TWA NF 400 NF	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF	ON SURE LI ES- PEAK NF NF	PEL NA 400	AIR (mg OSHA ppm STEL NA	solution  y/m³)  IDLH  NA  2000	on. Kee	ther
HEM /ATI	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE	center, who reach of child and content of child are content of child are content of child are content of conte	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irr	EINECS No. 231-191-2 200-661-7 SE 3; H225, H31 203-961-6 205-788-1 rit. 2; H302, H31	% 60-100  0.1-1 9, H336 0.1-1  0.1-1 5, H319	ENT ACC PP TLV NA 400 NA	INFO	ES-TWA NF 400 NF	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF	ON SURE LI ES- PEAK NF NF	MITS IN  PEL  NA  400  NA	AIR (mg OSHA ppm STEL NA 200	solution  J/m³)  IDLH  NA  2000  NA	on. Kee	THER
HEM VATI	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE	center, who reach of child and content of child are content of child are content of child are content of conte	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irri  NA	EINECS No. 231-191-2 200-661-7 SE 3; H225, H31 203-961-6 205-788-1 rit. 2; H302, H31 NA	% 60-100  0.1-1 9, H336 0.1-1  0.1-1 5, H319 0.0-0.1	ENT  ACC PP TLV NA  400  NA  NA	INFO	ES-TWA NF 400 NF	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF	ON SURE LI ES- PEAK NF NF	MITS IN  PEL  NA  400  NA	AIR (mg OSHA ppm STEL NA 200	solution  J/m³)  IDLH  NA  2000  NA	on. Kee	THER
HEM /ATI SOP ODI RAC	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE GRANCE	center, who reach of child and content of child are content of child and content of child are content of conte	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irri  NA  4. I	EINECS No. 231-191-2  200-661-7 SE 3; H225, H31 203-961-6  205-788-1 rit. 2; H302, H31 NA	% 60-100  0.1-1 9, H336 0.1-1  0.1-1 5, H319 0.0-0.1	ENT  ACC  PP  TLV  NA  400  NA  NA  NA	INFO	ORIN  ES- TWA NF  400  NF NF	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF	ON SURE LI ES- PEAK NF NF NF NF	PEL NA 400 NA NA NA	AIR (mg OSHA ppm STEL NA 200 NA	solution  J/m³)  IDLH  NA  2000  NA  NA  NA	on. Kee	THER
HEM /ATI 6OP LYC ODI	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE	center, who reach of child and content of child are content of child are content of child are content of conte	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irri  NA  4. I  DO NOT INDU	EINECS No. 231-191-2  200-661-7 3E 3; H225, H31 203-961-6  205-788-1 rit. 2; H302, H31 NA  FIRST All CE VOMITING	% 60-100  0.1-1 9, H336 0.1-1  5, H319 0.0-0.1  D MEA	ENT  ACC PP TLV NA  400  NA  NA  NA  NA  NA  Cact Che	INFO  SIH STEL NA  500 NA NA NA NA NA NA	ES-TWA NF 400 NF NF NF  AT A A A A A A A A A A A A A A A A A A	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF  NF	ON SURE LI ES- PEAK NF NF NF NF	PEL NA 400 NA NA NA NA	AIR (mg OSHA ppm STEL NA 200 NA NA	IDLH NA 2000 NA NA NA	on. Kee	THER
HEM /ATI SOP ODI RAC	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE GRANCE	center, who reach of child and content of child are content of child and content of child are content of conte	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irri  NA  4. I  DO NOT INDU  Center or local	EINECS No. 231-191-2  200-661-7 3E 3; H225, H31 203-961-6  205-788-1 rit. 2; H302, H31 NA  FIRST All CE VOMITING emergency to	% 60-100  0.1-1 9, H336 0.1-1 5, H319 0.0-0.1  D MEA G. Contaelephone	ENT  ACC PP TLV NA  400  NA  NA  NA  NA  NA  NA  NA  NA  NA	INFO  SIH  STEL  NA  500  NA  NA  NA  RES  EMTrecer for a	CRIM ES- TWA NF 400 NF NF NF Ac at ++	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF  NF  1 (703) ance an	ON SURE LI ES- PEAK NF NF NF NF NF NF NF NF	PEL NA 400 NA NA NA NA CITUCTION	AIR (mg OSHA ppm STEL NA 200 NA NA NA NA NA NA NA Sor the ins. Se	J/m³)  IDLH NA  2000 NA NA NA  NA  nearest	on. Kee	THER  A  Contro
HEM /ATI 6OP LYC ODI	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE GRANCE	center, who reach of child and content of child are content of child and content of child are content of conte	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irri  NA  4. I  DO NOT INDU  Center or local attention. If vo	EINECS No. 231-191-2  200-661-7 3E 3; H225, H31 203-961-6  205-788-1 rit. 2; H302, H31 NA  FIRST All CE VOMITING emergency to	% 60-100  0.1-1 9, H336 0.1-1 5, H319 0.0-0.1  D MEA G. Contaelephone	ENT  ACC PP TLV NA  400  NA  NA  NA  NA  NA  NA  NA  NA  NA	INFO  SIH  STEL  NA  500  NA  NA  NA  RES  EMTrecer for a	CRIM ES- TWA NF 400 NF NF NF Ac at ++	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF  NF  1 (703) ance an	ON SURE LI ES- PEAK NF NF NF NF NF NF NF NF	PEL NA 400 NA NA NA NA CITUCTION	AIR (mg OSHA ppm STEL NA 200 NA NA NA NA NA NA NA Sor the ins. Se	J/m³)  IDLH NA  2000 NA NA NA  NA  nearest	on. Kee	THER  A  Contro
HEM /ATI SOP LYC ODI	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE GRANCE	center, who reach of child and content of child are content of child and content of child are content of conte	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irri  NA  4. I  DO NOT INDU  Center or local	EINECS No. 231-191-2  200-661-7 3E 3; H225, H31 203-961-6  205-788-1 rit. 2; H302, H31 NA  FIRST AII CE VOMITING emergency to smitting occurs	% 60-100  0.1-1 9, H336 0.1-1 5, H319 0.0-0.1  D MEA G. Contaelephone spontane	PP TLV NA 400 NA	INFO SIH STEL NA SOO NA	ES-TWA NF 400 NF NF NF Victim	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF NF  NF  1 (703) ance and shead	NF N	PEL NA 400 NA NA NA NA NA Pred (f	AIR (mg OSHA PPM STEL NA 200 NA	IDLH NA 2000 NA NA NA NA nearesteek imite) to re	on. Kee	THER  A  Control medical erisk of the control of th
HEM /ATI SOP LYC ODI	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE GRANCE	center, who reach of child and content of child are content of child and content of child are content of conte	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irri  NA  4. I  DO NOT INDU  Center or local attention. If vo aspiration.	EINECS No. 231-191-2  200-661-7 3E 3; H225, H31 203-961-6  205-788-1 rit. 2; H302, H31 NA  FIRST All CE VOMITIN: emergency to mitting occurs roughly with o	% 60-100  0.1-1 9, H336 0.1-1  5, H319 0.0-0.1  D MEA G. Contact spontance copious a	ENT  ACC PP TLV NA  400  NA  NA  NA  NA  NA  NA  MA  NA  NA  NA	INFO SIH STEL NA SOO NA	ES-TWA NF 400 NF	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF  NF  1 (703) ance and a second ance are at leaser at leaser.	PEAK NF	PEL NA 400 NA NA NA NA NA minution ered (f	AIR (mg OSHA ppm STEL NA 200 NA NA NA NA NA or the rest of the res	IDLH NA 2000 NA NA NA NA nearesteek imite) to re	on. Kee	THER  A  Contro  medica e risk o
HEM /ATI 6OP LYC ODI	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE GRANCE	center, who reach of child and content of child are content of child and content of child are content of conte	may seek advice lren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irri  NA  4. I  DO NOT INDU  Center or local attention. If vo aspiration.  Flush eyes thou	EINECS No. 231-191-2  200-661-7 3E 3; H225, H31 203-961-6  205-788-1 rit. 2; H302, H31 NA  FIRST All CE VOMITIN: emergency to be defined in the content of t	% 60-100  0.1-1 9, H336 0.1-1  5, H319 0.0-0.1  D MEA G. Contact spontance copious a rritation p	PP TLV NA 400 NA	INFO SIH STEL NA 500 NA NA NA NA NA SES EmTrecer for a keep s of was seek i	ES-TWA NF 400 NF NF Victim atter for immediate of the state of the sta	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF  NF  NF  1 (703) ance and a second a secon	PEAR NF	PEL NA 400 NA NA NA NA ired (f	AIR (mg OSHA ppm STEL NA 200 NA NA NA NA NA or the rest of the res	IDLH NA 2000 NA NA NA NA Na nearesteek imr ) to re	o o late of the control of the contr	THER  A  Contro  medica e risk o
HEM /ATI SOP ODI RAC	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE GRANCE	center, who reach of child and content of child are content of child are content of child are content of conte	may seek advice liren.  OMPOSITION  RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irri  NA  4. I  DO NOT INDU  Center or local attention. If vo aspiration.  Flush eyes thore ensure complete.	EINECS No. 231-191-2 200-661-7 SE 3; H225, H31 203-961-6  205-788-1 rit. 2; H302, H31 NA  FIRST All CE VOMITING emergency to miting occurs roughly with ce e flushing. If i	% 60-100  0.1-1 9, H336 0.1-1  5, H319 0.0-0.1  D MEA G. Contaelephone a spontane copious a rritation program with a program and with a program an	ENT  ACC PP TLV NA  400  NA  NA  NA  NA  NA  NA  NA  NA  NA	INFO GIH IM STEL NA 500 NA NA NA NA RES emTrecer for a keep s of was seek i ected a	ES- TWA NF 400 NF NF NF NF assistativictim	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF  NF  1 (703) ance an 's head ar at leadiate m with s	NF N	PEL NA 400 NA NA NA NA minutattent attent wat	AIR (mg OSHA ppm STEL NA 200 NA NA NA NA or the Ins. Seconward es, ho ion. eer. If	IDLH NA 2000 NA NA NA nearest eek imi ) to re lding e irritatio	Poisor mediate duce th yelid(s)	THER  A  Contro medica e risk o open to
HEM /ATI SOP ODI RAC	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE GRANCE	center, who reach of child and content of child are content of child are content of child are content of conte	RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irri  NA  4. I  DO NOT INDU  Center or local attention. If vo aspiration.  Flush eyes thoi ensure complet.  Remove contar	EINECS No.  231-191-2  200-661-7 SE 3; H225, H31  203-961-6  205-788-1 rit. 2; H302, H31 NA  FIRST All CE VOMITING emergency to omiting occurs roughly with of ef flushing. If i minated clothin attention. Do	% 60-100  0.1-1 9, H336 0.1-1  0.1-1 5, H319 0.0-0.1  D MEA G. Contaelephone spontance arritation program with an of wear and we not wear	ENT  ACC PP TLV NA  400  NA  NA  NA  NA  NA  NA  NA  NA  NA	INFO  SIH  STEL  NA  500  NA  NA  NA  NA  RES  entrecer for a keep  s of was seek if ected a minated of minate	ES- TWA NF 400 NF NF NF NF assistation atter for immediareas at cloth	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF  NF  1 (703) ance an ar at leading the month of the mo	NF N	PEL NA 400 NA NA NA NA NA minute attented water it has	NA	IDLH NA 2000 NA NA NA NA inearest eek imit ) to re liding e irritatio	Poisor mediate duce the yelid(s) n persisy cleaned	THER  A  Contro medica e risk o open to
HEM /ATI SOP ODI RAC	CAL NAME(S)  ER  ROPANOL  COL ETHER DB  UM LAURYL SUFLATE  BRANCE  First Aid:	center, who reach of child and content of child are content of child and content of child are content of conte	RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S  KJ910000  319  WT1050000  Skin Irrit. 2; Eye Irri  NA  DO NOT INDU  Center or local attention. If vo aspiration.  Flush eyes thoe ensure complete Remove contar prompt medical	EINECS No.  231-191-2  200-661-7 SE 3; H225, H31  203-961-6  205-788-1 rit. 2; H302, H31 NA  FIRST All CE VOMITING emergency to omiting occurs roughly with of ef flushing. If ininated clothin attention. Do to fresh air a	% 60-100  0.1-1 9, H336 0.1-1  0.1-1 5, H319 0.0-0.1  D MEA G. Contaelephone a spontane copious a rritation progrand we not wear at once.	ENT  ACC PP TLV NA  400  NA  NA  NA  NA  NA  In the properties of	INFO  SIH  STEL  NA  SOO  NA  NA  NA  NA  NA  NA  NA  NA  NA	Property of the second of the	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF  NF  1 (703) ance an ar at leadiate m with shing unicult, and cult, and cu	NF N	PEL NA 400 NA	NA	IDLH NA 2000 NA NA NA NA inearest eek imit ) to re liding e irritatio	Poisor mediate duce the yelid(s) n persisy cleaned	THER  A  Contro medica e risk o open to
HEM /ATI ODI RAC	CAL NAME(S) ER ROPANOL COL ETHER DB UM LAURYL SUFLATE GRANCE	center, who reach of child and content of child are content of child and content of child are content of conte	RTECS No.  ZC0110000  NT8050000  Eye Irrit. 2; STOT S KJ910000  Skin Irrit. 2; Eye Irri NA  4. I  DO NOT INDU Center or local attention. If vo aspiration. Flush eyes thoi ensure complete Remove contar prompt medical Remove victim	EINECS No.  231-191-2  200-661-7 SE 3; H225, H31  203-961-6  205-788-1 rit. 2; H302, H31 NA  FIRST All CE VOMITING emergency to omiting occurs roughly with of ef flushing. If ininated clothin attention. Do to fresh air a ical attention.	% 60-100  0.1-1 9, H336 0.1-1  0.1-1 5, H319 0.0-0.1  D MEA G. Contaelephone a spontane copious a rritation progrand we not wear at once. If breathi	ENT  ACC PP TLV NA  400  NA  NA  NA  NA  NA  In the properties of	INFO  SIH  STEL  NA  SOO  NA  NA  NA  NA  NA  NA  NA  NA  NA	Property of the second of the	MATI EXPO: NOHSC ppm ES- STEL NF  500  NF  NF  1 (703) ance an are leading to the control of the	NF N	PEL NA 400 NA	NA	IDLH NA 2000 NA NA NA NA inearest eek imit ) to re liding e irritatio	Poisor mediate duce the yelid(s) n persisy cleaned	THER  A  Control medical erisk of open to sts, seeled.
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		4 FIRST AID MEASURES conf	24				
4.3	Symptoms of Overexposure:	4. FIRST AID MEASURES — cont  Skin: Prolonged contact with skin may result in bleaching an		ioo allorgi			
4.0	Cymptomic of Gverexposure.	skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals. Symptoms of skin overexposure may include redness, itching, and irritation of affected areas.					
		<u>Eyes</u> : Overexposure in eyes may cause redness, itching contact may cause serious eye irritation including stingi		to eyes)			
4.4	Acute Health Effects:	Moderate irritation to eyes. Moderate irritation to skin near affected a common symptoms include irritating properties to eyes, respiratory sys		yed. Mos			
4.5	Chronic Health Effects:	No harmful or chronic health effects are expected to occur from a sing irritating to skin and mucous membrane of the eye and respiratory symptoms in some sensitive individuals. May also induce skin sens allergic dermatitis.	gle accidental ingestion. These ingredien system. Overexposure may trigger a	asthma-like			
4.6	Target Organs:	Eyes, Skin					
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the	HEALTH	1			
	Aggravated by Exposure.	target organs (eyes, skin, and respiratory system) or impaired kidney function may be more susceptible to the effects of this substance.	FLAMMABILITY	0			
		function may be more susceptible to the effects of this substance.	PHYSICAL HAZARDS	0			
			PROTECTIVE EQUIPMENT	В			
			EYES SKIN				
	_	5. FIREFIGHTING MEASURES					
5.1	Fire & Explosion Hazards:	Will not burn, but decomposition, which may be caused by heat, w increase the explosive limit range and burning rate of flammable vapo and thermal decomposition, oxidation products may form and exposur in health hazards	rs. As a result of combustion				
5.2	Extinguishing Methods:	Foam, CO <sub>2</sub> , Water Fog or Dry Chemical					
5.3	Firefighting Procedures:	Fight fires as for surrounding materials. Firefighters should wear a equivalent self contained breathing apparatus (SCBA) and protect fought from a safe distance. Keep containers cool until well after the with water spray to prevent pressure build-up, auto-ignition or explosion or dilution from entering sewers, drains, drinking water supply,	ive clothing. Fire should be e fire is out. Cool containers sion. Prevent runoff from fire				
		6. ACCIDENTAL RELEASE MEASU					
6.1	Spills:	Before cleaning any spill or leak, individuals involved in spill clear Equipment. CAUTION – may be slippery if spilled.		Protectiv			
		For <u>small spills</u> (e.g., < 1 gallon (3.8 L)) wear appropriate perso Maximize ventilation (open doors and windows. Remove spilled appropriate closed container(s) for disposal. Dispose of properly in a Wash all affected areas and outside of container with plenty of was clothing and wash thoroughly before reuse.	material with absorbent material and ccordance with local, state and federal r	place in			
		For <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotes material (e.g., sand or earth). Transfer liquid to containers for recove containers for proper disposal. Remove contaminated clothing pronwater. Keep spills and cleaning runoffs out of municipal sewers and o	ry or disposal and solid diking material t nptly and wash affected skin areas with	I with ine			
		material (e.g., sand or earth). Transfer liquid to containers for recove containers for proper disposal. Remove contaminated clothing pron water. Keep spills and cleaning runoffs out of municipal sewers and o	ery or disposal and solid diking material t nptly and wash affected skin areas with pen bodies of water.	I with ine to separat			
		material (e.g., sand or earth). Transfer liquid to containers for recove containers for proper disposal. Remove contaminated clothing promwater. Keep spills and cleaning runoffs out of municipal sewers and o	ery or disposal and solid diking material to aptly and wash affected skin areas with pen bodies of water.  ATION	I with ine to separat n soap an			
7.1	Work & Hygiene Practices:	material (e.g., sand or earth). Transfer liquid to containers for recove containers for proper disposal. Remove contaminated clothing pron water. Keep spills and cleaning runoffs out of municipal sewers and o	ary or disposal and solid diking material to aptly and wash affected skin areas with pen bodies of water.  ATION  ands thoroughly after using this product a	I with ine to separate a soap an			
	Work & Hygiene Practices:  Storage & Handling:	material (e.g., sand or earth). Transfer liquid to containers for recover containers for proper disposal. Remove contaminated clothing promounder. Keep spills and cleaning runoffs out of municipal sewers and of the containers. Avoid direct skin contact. Wash har eating, drinking, or smoking. Good personal hygiene practices, such	ary or disposal and solid diking material to aptly and wash affected skin areas with pen bodies of water.  ATION  ands thoroughly after using this product a	I with ine to separate a soap an			
7.2		material (e.g., sand or earth). Transfer liquid to containers for recover containers for proper disposal. Remove contaminated clothing promound water. Keep spills and cleaning runoffs out of municipal sewers and of the containers of the containers of the containers for recover containers for proper disposal. Remove contaminated clothing, are recommended.	ary or disposal and solid diking material to aptly and wash affected skin areas with pen bodies of water.  ATION  Indee thoroughly after using this product areas and as washing any skin contact areas and	I with ine to separate a soap an and befored removin			
7.2	Storage & Handling:	material (e.g., sand or earth). Transfer liquid to containers for recover containers for proper disposal. Remove contaminated clothing promovater. Keep spills and cleaning runoffs out of municipal sewers and of the containers. The containers are contained as a cleaning runoffs out of municipal sewers and of the containers. The containers are contained as a container closed when recovered as a container closed as a container closed when recovered as a container closed as a container clos	ary or disposal and solid diking material to aptly and wash affected skin areas with pen bodies of water.  ATION  Index thoroughly after using this product areas and as washing any skin contact areas and those in use. Keep this and all chemicals of	I with ine to separate a soap an and befored removin			
7.1	Storage & Handling: Special Precautions:  Exposure Limits:	material (e.g., sand or earth). Transfer liquid to containers for recover containers for proper disposal. Remove contaminated clothing promovater. Keep spills and cleaning runoffs out of municipal sewers and of the containers. The containers are contained to the containers are recommended.  The containers are recommended. The container closed when recommended to the container closed when recommended.  The containers are recommended. The container closed when recommended to the container closed when recommended.  The containers are recommended. The container closed when recommended to the container closed when recommended.  The containers are recommended to the container closed when re	ATION  ATION  AS washing any skin contact areas and all chemicals of the time.  ATION	I with ine to separate a soap an and befored removin			
7.2 7.3	Storage & Handling: Special Precautions:	material (e.g., sand or earth). Transfer liquid to containers for recover containers for proper disposal. Remove contaminated clothing promovater. Keep spills and cleaning runoffs out of municipal sewers and of the containers. The containers are recommended.  The containers for proper disposal. Remove contaminated clothing runoffs out of municipal sewers and of the container closed. Wash have eating, drinking, or smoking. Good personal hygiene practices, such contaminated clothing, are recommended.  Keep away from sources of heat.  Follow all instructions on product label. Keep container closed when roof children.  8. EXPOSURE CONTROLS & PERSONAL P  ACGIH NOHSC  ES-	ATION  ATION  The standard solid diking material to a specific period of the second solid diking material to a specific period of the second solid period solid period of the second solid period of the second solid period solid	I with ine to separate a soap and before d removing the total removing the removing the total removing the			
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	8. I	EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd
8.4	Eye Protection:	Avoid eye contact. Use approved safety glasses or goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
8.5	Hand Protection:	If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.
8.6	Body Protection:	Not required under normal conditions of use. Use appropriate protective equipment (e.g., apron) as necessary to prevent or reduce exposure if frequent or prolonged contact is expected; refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA.
		9. PHYSICAL & CHEMICAL PROPERTIES
9.1	Appearance:	Clear to slightly hazy liquid
9.2	Odor:	Lemon citrus fragrance
9.3	Odor Threshold:	NA NA
9.4	pH:	7.0-8.0
9.5	Melting Point/Freezing Point:	NA NA
9.6	Initial Boiling Point/Boiling	
	Range:	100 °C (212 °F) @ 760 mm Hg
9.7	Flashpoint:	> 121.11 °C (> 250 °F)
9.8	Upper/Lower Flammability Limits:	ND
9.9	Vapor Pressure:	< 30
9.10	Vapor Density:	NA
9.11	Relative Density:	1.000 @ 25 °C (77 °F)
9.12	Solubility:	Complete
9.13	Partition Coefficient (log Pow):	NA .
9.14	Autoignition Temperature:	NA NA
9.15	Decomposition Temperature:	NA NA
9.16	Viscosity:	NA NA
9.17	Other Information:	0.49% VOC
		10. STABILITY & REACTIVITY
10.1	Stability:	Stable under normal conditions of use.
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO <sub>2</sub> ) and nitrogen (NO <sub>x</sub> ).
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Strong oxidizers.
10.5	Incompatible Substances:	Strong oxidizing agents, strong acids and bases.
		11. TOXICOLOGICAL INFORMATION
11.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: NO
11.2	Toxicity Data:	This product has not been tested on animals to obtain toxicological data. There are toxicology data for the component of this product, which are found in the scientific literature. This data has not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.
11.3	Acute Toxicity:	See Section 4.4
11.4	Chronic Toxicity:	See Section 4.5
11.5	Suspected Carcinogen:	This product contains <u>Isopropyl Alcohol</u> , which is not carcinogenic to humans, but is listed as Group 3 carcinogen b IARC.
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to produce teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to produce reproductive effects in humans.
11.7	Irritancy of Product:	See Section 4.2
11.8	Biological Exposure Indices:	NE



15.8

Other Requirements:

NA

### SAFETY DATA SHEET

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 2.3 SDS Revision Date: 1/28/2018 12. ECOLOGICAL INFORMATION 12.1 Environmental Stability: The components of this product will slowly degrade over time into a variety of organic compounds. environmental data available for the components of this product are as follows: Isopropyl Alcohol: Log K<sub>OW</sub> = 0.05-0.14. Isopropyl alcohol occurs naturally; it is generated during microbial degradation of plant and animal wastes. When released on land or water, it is apt to volatilize and biodegrade. The estimated halflife in water is 5.4 days. Isopropyl alcohol is not expected to bioconcentrate. 12.2 Effects on Plants & Animals: There are no specific data available for this product. 12.3 Effects on Aquatic Life: Product is expected to rapidly disperse in the aquatic environment. 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. 13.2 Special Considerations: NA 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 49 CFR (GND): 14.1 **NOT REGULATED** IATA (AIR): 14.2 **NOT REGULATED** IMDG (OCN): 14.3 **NOT REGULATED** TDGR (Canadian GND): 14.4 **NOT REGULATED** ADR/RID (EU): 14.5 **NOT REGULATED** SCT (MEXICO): 146 **NOT REGULATED** 14.7 ADGR (AUS): **NOT REGULATED** 15. REGULATORY INFORMATION 15.1 SARA Reporting Requirements: This product contains Isopropanol, a substance subject to SARA Title III, section 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 CERCLA Reportable Quantity: 15.4 NA Other Federal Requirements: 15.5 This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. 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. No ingredients in this product present in a concentration of 1.0% or greater, are listed on any of the following state 15.7 State Regulatory Information: 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, birth defects, or other

reproductive harm. For more information go to www.P65Warnings.ca.gov.



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		16. OTHER INF	ORMATION
16.1	Other Information:	CAUTION – MAY BE SLIPPERY IF SPILLE handling. Avoid eye contact. Wear protective water. IF IN EYES: Rinse continuously with wa	CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. ED. Wash exposed skin areas thoroughly with soap and water after gloves/eye protection/face protection. IF ON SKIN: Wash with soap and ter for several minutes. Remove contact lenses if present and easy to do occurs — Get medical advice/attention. Store in a well-ventilated place. DF REACH OF CHILDREN.
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	government regulations must be reviewed for knowledge, the information contained herein is completeness is not guaranteed and no war 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 & Granite Gold's is reliable and accurate as of this date; however, accuracy, suitability or tranties of any type, either expressed or implied, are provided. The specific product(s). If this product(s) is combined with other materials, all that may be changed from time to time. Be sure to consult the latest
16.4	Prepared for:	Granite Gold, Inc. 9170 Chesapeake Drive San Diego, CA 92123 USA Tel: +1 (858) 499-8933 http://www.granitegold.com/	
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	ShipMate  Dangerous Goods  Training & Consulting



**DEFINITION OF TERMS** 

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SDS Revision Date: 1/28/2018

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

## 008/EC Standards SDS Revision: 2.3

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

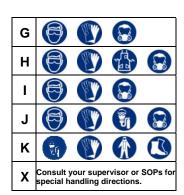
#### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

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



### PERSONAL PROTECTION RATINGS:

Α			
В			
С		型	
D		型	
Ε			
F		4	





#### 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	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	\ <b>\</b>
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ <b>\ \ \ \</b>
W	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				
TD <sub>to</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	O <sub>o</sub> or Lowest dose (or concentration) to cause lethal or toxic effects			
TC, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub>				
IARC	International Agency for Research on Cancer			
NTP	National Toxicology Program			
RTECS	Registry of Toxic Effects of Chemical Substances			
BCF	Bioconcentration Factor			
TL <sub>m</sub>	Median threshold limit			
log K <sub>ow</sub> or log K <sub>oc</sub>	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	European Union (European Union Directive 67/548/EEC)			
WGK	Wassergefährdungsklassen (German Water Hazard Class)			

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

0	<b>(*)</b>		<b>(2)</b>	$\Theta$	(%)		
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>③</b>		$\Diamond$			$\Diamond$		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment