

Page 1 of 5 **GG-045P** 

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU & GHS Standards SDS Revision: 5.6 SDS Revision Date: 7/19/2021

		1	PRODUC	T & COM	ΡΔΝΥ	IDFI	NTIF	ICΔ	TION	J				
1.1	Product Name:	1		PENETRA						•				
1.2	Chemical Name:	Aqueous Solu				<u> </u>		• • • • •						
1.3	Synonyms:	NA	don olour											
1.4	Trade Names:	Granite Gold Penetrating Sealer Wipes												
1.5	Product Use:	Sealant Wipe												
1.6	Distributor's Name:	Granite Gold, Inc.												
1.7	Distributor's Address:	9170 Chesapeake Drive, San Diego CA 92123 USA												
1.8	Emergency Phone:			527-3887 / -		121	9300							
1.9	Business Phone / Fax:	Tel: +1 (858)		321-30011	. 1 (000)	727-	3300							
					DENIT	1510	A TI							
2.1	Hazard Identification:	T		AZARDS										
2.1	nazard identification:						ndards	s. Inte	nded to	com	ply wi	th OSI	HA 29 (	CFR 1910.1200
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				Skin Irrit. 2; Ey	ο Irrit 2Δ	Flam	Lia 4							
2.2	Label Elements:			3 – May be ha				5 – Ca	2 24211	kin irri	tation	H310		
				. H227 – Comb			i io i	5 00						
			•	P): P210 – Kee		•	t, hot s	urface	s, sparl	(S, OD	en flar	nes an	d	
				smoking. P264										
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		P501 - Disnos	se of contents/	container to ar	٠.	d waste	disno	sal nla	ant					•
2.3	Other Warnings:			container to ar	n approve					ontac	t a nh	veician	or loca	al noison contro
2.3	Other Warnings:	In the event of	f an exposure	or medical inc	n approve Juiry invol	ving thi	is proc	duct, p	lease c	ontac	t a ph	ysician	or loca	al poison contro
2.3	Other Warnings:	In the event of center, who m	f an exposure	or medical inc from the U.S.	n approve Juiry invol	ving thi	is proc	duct, p	lease c	ontac DS.	t a ph	ysician	or loca	al poison contro
2.3	Other Warnings:	In the event of center, who mickeep out o	f an exposure ay seek advice F REACH OF	or medical inc e from the U.S. CHILDREN.	n approve puiry invol manufact	ving thi turer, a	is prod nd sho	duct, pow thei	lease c n this S	DS.	t a ph	ysician	or loca	al poison contro
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<b>CHEMI</b> WAT	CAL NAME(S) ER	In the event of center, who modern the center of the cente	of an exposure ay seek advice F REACH OF  OMPOSIT  RTECS No.  ZC0110000  NA  Acute Tox. 4; Skir  4.  DO NOT INDI	or medical ince from the U.S. CHILDREN.  ION & INC EINECS No. 231-191-2  NA Irrit. 2; Eye Irrit.  FIRST AI UCE VOMITIN	G. Conta	ENT  ACC  PP  TLV  NE  NA  SE 3; H2  ASUF  act Che	INF GIH DM STEL NE NA 25, H3:	ORI  ES- TWA NF  NF  S2, H31	MATI EXPOS NOHSC PPM ES- STEL NF NF 5, H319	ON BURE L ES- PEAK NF NF NF	PEL NE NA	N AIR (m OSHA ppm STEL NE NA	g/m³) IDLH NE NA	OTHER Poison Control
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CHEMI WAT	CAL NAME(S) ER PRIETARY	CAS No. 7732-18-5 NA Flam. Liq. 2; A	of an exposure ay seek advice FREACH OF  DMPOSIT  RTECS No.  ZC0110000  NA  Acute Tox. 4; Skir  4.  DO NOT INDIC Center or loca attention. If v	or medical ince from the U.S. CHILDREN.  ION & INC EINECS No. 231-191-2  NA n Irrit. 2; Eye Irrit.  FIRST AI UCE VOMITIN al emergency t	GREDI  1-20 2; STOT S  Contaelephone	ENT  ACC  PP  TLV  NE  NA SE 3; H2  ASUF  act Che numbe	INF GIH DIM STEL NE NA 25, H3:	ORI  ES- TWA  NF  NF  Ocat +*	MATI EXPOS NOHSC ppm ES- STEL NF NF 5, H319	ON  BURE L  ES- PEAK  NF  NF  NF  1527-3 d inst	PEL NE NA S887 Cruction	NAIR (m OSHA ppm STEL NE NA	g/m³)  IDLH  NE  NA	OTHER Poison Control
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CHEMI WAT	CAL NAME(S) ER PRIETARY	In the event of center, who make the center of the center	r an exposure ay seek advice F REACH OF DMPOSIT  RTECS No.  ZC0110000  NA  Rute Tox. 4; Skir  4.  DO NOT INDIC Center or loca attention. If vaspiration. Flush eyes the	e from the U.S. CHILDREN.  ION & INC EINECS No. 231-191-2  NA In Irrit. 2; Eye Irrit.  FIRST AI UCE VOMITIN al emergency to romiting occurs oroughly with of	mapprove quiry involution manufaction manu	ENT  ACC  PR  TLV  NA SE 3; H2  ASUF  act Chee eously, mounts	INF GIH OM STEL NA 25, H3: RES err for a keep was of was	ORI  ES- TWA  NF 32, H31  c at +  assistate victim  atter fo	MATI EXPOS NOHSC ppm ES- STEL NF  NF  1 (703) Ince and 's head	ON BURE L ES- PEAK NF NF , H336	PEL NE NA	NAIR (m OSHA ppm STEL NE NA	g/m³)  IDLH  NE  NA  nearest eek imm l) to rec	OTHER Poison Control nediate medical
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CHEMI WAT	CAL NAME(S) ER PRIETARY	In the event of center, who make the center of the center	response to the contract of th	ION & INC EINECS No. 231-191-2  NA I Irrit. 2; Eye Irrit.  FIRST AI UCE VOMITIN A or derived a consumption occurs oroughly with of the flushing. If aminated clothing are consumptioned to the consumption of the consumption	mapprove quiry involution proved the second of the second	ENT  ACC PP TLV NA SE 3; H2  ASUF act Chee number ecously, mounts ersists ash aff	INF GIH STEL A25, H33 RES err for a keep s of wa, seek fected	ORI  ES- TWA  NF 32, H31  c at +7 avictim atter fo immed areas	MATI EXPOS NOHSC ppm ES- STEL NF  1 (703) 1 (703) 1 (703) 1 (704) 1 (705) 1 (705) 1 (705) 1 (705) 1 (706) 1 (707) 1 (708) 1 (7	ES-PEAK NF NF , H336 d lower sst 15 edical	PEL NE NA	NAIR (m OSHA ppm STEL NE NA	IDLH NE NA nearest eek immel) to recolding ei	Poison Control nediate medical duce the risk of yelid(s) open to n persists, seek
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WATI PROJ	CAL NAME(S)  ER  PRIETARY  First Aid:	In the event of center, who middle KEEP OUT O  3. CO  CAS No.  7732-18-5  NA Flam. Liq. 2; A  Ingestion:  Eyes:  Skin: Inhalation:  Ingestion: Eyes:	FREACH OF  PREACH OF  RTECS No.  ZC0110000  NA  Coute Tox. 4; Skin  DO NOT INDICATE OF IND	ION & INC EINECS No. 231-191-2  NA In Irrit. 2; Eye Irrit.  FIRST AI UCE VOMITIN al emergency to a consisting occurs oroughly with eate flushing. If aminated clothical attention. Doing mist/spray. Doxygen and see wallowed, may tating to the eye	mapprove puiry involution in approve puiry involution in approve graph of the control of the con	ENT  ACC PP TLV NA E 3; H2  ASUF act Chee eously, mounts ersists ash aff contar e victim ate medusea, vict	INF GIH OM STEL NA 25, H33 RES em Tree er for a keep s of wa , seek fected minate n to fr dical a omiting	ORI  ES- TWA  NF  32, H31  cat + 2  assista victim ater fo immed areas d cloth esh a ttentio g and/o	MATI EXPOS NOHSC ppm ES- STEL NF  5, H319  1 (703) Ince an diate money with some some some some some some some some	ES-PEAK NF NF , H336 d instead on a partial after an area.	PEL NE NA	NAIR (m OSHA ppm STEL NE NA NA NA NA NA NA NA NA NA NA NA NA NA	IDLH NE NA nearest eek immel) to recommend in the comment of the c	Poison Control nediate medical duce the risk of yelid(s) open to persists, seek y cleaned. cult, administer icial respiration.
WATI PROJ	CAL NAME(S)  ER  PRIETARY  First Aid:	In the event of center, who middle KEEP OUT O  3. CO  CAS No.  7732-18-5  NA Flam. Liq. 2; A  Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin:	f an exposure ay seek advice F REACH OF  PREACH OF  RTECS No.  ZC0110000  NA  Coute Tox. 4; Skin  DO NOT INDICAL Center or local attention. If vaspiration. Flush eyes the ensure comple Remove contaprompt medical Avoid breathir supplemental of product is sw. Moderately irrit This product of the seek and	ION & INC EINECS No. 231-191-2  NA I ITILE 2; Eye Irrit.  FIRST AI UCE VOMITIN al emergency to a course or oughly with ete flushing. If arminated clothing attention. Doing mist/spray. Doxygen and see wallowed, may tating to the eyean cause mile.	mapprove puiry involument factor  GREDI  % 60-100  1-20 2; STOT S  D MEA  G. Conta elephone is spontan copious a irritation proper irritat	ENT  ACC PP TLV NE NA SE 3; H2  ASUF act Chee numbe eously, mounts ersists ash aff contar e victim ate med usea, vint skin	INF GIH OM STEL NA 25, H33 RES en Tree er for a keep s of wa , seek fected minate n to fr dical a omiting	ORI  ES- TWA  NF  32, H31  cat + fassista victim atter fo immee areas d cloth resh a ttentio g and/o on with	MATI EXPOS NOHSC ppm ES- STEL NF  5, H319  I (703) Ince an ince an ince an with so in ing until ir at or on. If bre or diarrich short-	ES-PEAK NF NF NF NF S27-3 d inst l lower sst 15 edical pap ar il after neaching	PEL NE NA	NAIR (m OSHA ppm STEL NE NA NA NA NA NA NA NA NA NA NA NA Na Na Na Na Na Na Na Na Na Na Na Na Na	g/m³)  IDLH  NE  NA  nearest eek imm I) to red lding eight irritation properlis diffiorm artif	Poison Control nediate medical duce the risk of yelid(s) open to persists, seek y cleaned. cult, administer icial respiration.
WATI PROJ	CAL NAME(S)  ER  PRIETARY  First Aid:	In the event of center, who middle KEEP OUT O  3. CO  CAS No.  7732-18-5  NA Flam. Liq. 2; A  Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin:	f an exposure ay seek advice F REACH OF  PREACH OF  RTECS No.  ZC0110000  NA  Coute Tox. 4; Skin  DO NOT INDICAL Cattention. If vaspiration. Flush eyes the ensure comple Remove contaprompt medical Avoid breathir supplemental of product is sw. Moderately irri This product callergic skin real seek adviced to the seek and the seek adviced by the seek and the seek adviced by the seek adv	ION & INC EINECS No. 231-191-2  NA I ITIL 2; Eye Irrit.  FIRST AI UCE VOMITIN al emergency to consisting occurs oroughly with ete flushing. If arminated clothinal attention. Doing mist/spray. Doxygen and see vallowed, may tating to the eye can cause mile vactions (e.g., r	mapprove puiry involument factor  manufactor  manufactor  manufactor  manufactor  manufactor  manufactor  % 60-100  1-20 2; STOT S  D MEA  G. Contra elephone is spontan  copious a irritation proper irritation p	ENT  ACC PP TLV NE NA SE 3; H2  ASUF act Chee numbe eously, mounts bersists ash aff contar e victim ate med usea, vi	INF  GIH  STEL  NA  25, H33  RES  en for a keep s of was, seek fected minate in to fred in the fred in	ORI  ES- TWA  NF  32, H31  cat + 2  assista victim  atter fo immediareas d cloth esh a ttentio g and/o on with s) upon	MATI EXPOS NOHSC ppm ES- STEL NF 5, H319  I (703) Ince an addition of the second of th	ES-PEAK NF NF NF NF NF S27-3 d inst d lower sst 15 edical pap ar ill after nea. term gged co	PEL NE NA	NAIR (m OSHA ppm STEL NE NA NA NA NA NA NA NA NA NA NA NA Na Na Na Na Na Na Na Na Na Na Na Na Na	g/m³)  IDLH  NE  NA  nearest eek imm I) to red lding eight irritation properlis diffiorm artif	Poison Control nediate medical duce the risk of yelid(s) open to persists, seek y cleaned. cult, administer icial respiration. duct can cause e.
PROD	CAL NAME(S)  ER  PRIETARY  First Aid:  Effects of Exposure:	In the event of center, who middle with the center of the center, who middle with the center of the center, who middle with the center of the	received by the content of the conte	ION & INC EINECS No. 231-191-2  NA In Irrit. 2; Eye Irrit.  FIRST AI UCE VOMITIN al emergency to a course flushing. If aminated clothical attention. Doing mist/spray. Doxygen and see a vallowed, may tating to the eye can cause mile actions (e.g., reproduct may be	mapprove puiry involution in approve puiry involution in approve graph of the following in a prove	ENT  ACC PP TLV NE NA SE 3; H2  ASUF act Chee numbe eously, mounts ersists ash aff contar e victim ate med usea, v	INF GIH OM STEL NA 25, H33 RES em Tree er for a keep s of wa , seek fected minate n to fr dical a omiting irritation matitis nose,	DRI  ES- TWA  NF  32, H31  Cat + 2  assista victim  atter fo immediareas d cloth resh a ttentio g and/o on with s) upor throat	MATI EXPOS NOHSC ppm ES- STEL NF  5, H319  1 (703) Ince an addition of the shorter of diarrial of the shorter of and other and other and other and other and other and other shorter and other and o	ES-PEAK NF NF NF , H336 d inst d lower set 15 edical pap ar il after neathing nea.	PEL NE NA	NAIR (m OSHA ppm STEL NE NA NA NA NA NA NA NA NA NA NA NA NA NA	g/m³)  IDLH  NE  NA  nearest eek imm I) to red irritation properl is diffiorm artification properlis diffiorm artification pro	Poison Control nediate medical duce the risk of yelid(s) open to persists, seek y cleaned. cult, administer icial respiration. duct can cause e. bry system.
WATI PROJ	CAL NAME(S)  ER  PRIETARY  First Aid:	In the event of center, who middle with the center of the center, who middle with the center of the center, who middle with the center of the	RTECS No.  ZC0110000  NA  RCUTE TOX. 4; Skin  DO NOT INDICATE or local attention. If vaspiration. Flush eyes the ensure complete Remove contaprompt medical Avoid breathir supplemental of product is sw. Moderately irri This product of allergic skin revapors of this skin overexpose.	ION & INC EINECS No. 231-191-2  NA I Irrit. 2; Eye Irrit.  FIRST AI UCE VOMITIN al emergency to romiting occurs oroughly with elete flushing. If aminated clothinal attention. Doing mist/spray. The product may be sure may include a sure may include the product may be sure the produc	mapprove puiry involument factor  GREDI  % 60-100  1-20 2; STOT S  D MEA  G. Contate elephone is spontant for pure factor for the continuation pure factor f	ENT  ACC PP TLV NE  NA SE 3; H2  ASUF act Che numbe eously, mounts bersists ash aff contar e victin ate medusea, victin ate me	INF  GIH  STEL  NA  25, H33  RES  en Trecer for a keep  s of wa, seek fected minate irritation and irritation matting	DRINGS AND STATE OF THE PART O	MATI EXPOS NOHSC ppm ES- STEL NF 5, H319 I (703) Ince an is head with so in gunt ir at or n. If bre or diarring and other in prolon and other in or of an end other in or of a en	SDS.  SURE L  ES-PEAK NF  NF  NF  , H336  527-3 d inst l lower set 15 edical pap are lines. eathing nea. eterm ged of the lines.	PEL NE NA	NAIR (m OSHA ppm STEL NE NA NA NA NA NA NA NA NA NA NA NA NA NA	g/m³)  IDLH  NE  NA  nearest eek imn I) to red irritation properl is difficient artificient artificien	Poison Control nediate medical duce the risk of yelid(s) open to persists, seek y cleaned. cult, administer icial respiration. duct can cause e. bry system.
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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU & GHS Standards SDS Revision: 5.6 SDS Revision Date: 7/19/2021

		4. FIRST	AID ME	7.00	KES -	cont (	<u>u</u>					
1.4	Acute Health Effects:	Moderate irritation to eyes and skir dizziness, headaches and nausea		ected are	as. Additio	onally, hiç	gh concent	rations of	f vapors	can ca	use drows	ines
1.5	Chronic Health Effects:	The material may accentuate any	pre-existir	ng derma	atitis condi	tion.						
1.6	Target Organs:	Eyes, Skin & Respiratory System.										
1.7	Medical Conditions	Persons with pre-existing skin dis-				aired	HEALTH	4			2	2
	Aggravated by Exposure:	kidney function may be more susc	ceptible to	the effect	cts of the		FLAMM		<b>/</b>		-	
		substance.								_		
							PHYSIC					
							PROTE	CTIVE E	QUIPN	/IENT		<u> </u>
							EYES	SKIN				
		5 FIDE	FIGUE	1110 1		DE0						
	1	5. FIRE										
.1	Fire & Explosion Hazards:	COMBUSTIBLE LIQUID. This p						ved in a	fire, thi	s		
_	Fration stable on Marker des	product may ignite and decompos			ses (e.g., C	$O, CO_2,$	$NO_x$ ).					
.2	Extinguishing Methods:	CO <sub>2</sub> , Halon (if permitted), Dry Che								_		
.3	Firefighting Procedures:	This product is a combustible liqu		n involve	ed in a fire	, this pro	duct may	ignite re	adily an	d   🤇	2 (	)
		decompose to produce carbon ox		C4		. E L. t		CCDA-	6			
		First responders should wear ey protective equipment. Use a wa										
		effective in actually extinguishing				or direct	vapors. v	water ma	ау пос в	e	*	
		checave in detaciny examplifying	a illo lilvoi	iving uno	product.							
		6. ACCIDEN	TAL R	ELEA	SE ME	ASUF	RES					
.1	Spills:	Before cleaning any spill or leak, in						ronriate l	Darsona	I Drotec	tive Equip	ma
		CAUTION – may be slippery if s		iiivoiveu	iii spiii cice	anup mus	t wear app	nophate i	CISOIIa	i i iolec	live Equip	iiic
		For small spills (e.g., < 1 gallon (3		r approp	riate perso	nal prote	ctive equir	oment (e	a aoaa	les alo	ves) Max	ximi
			ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with									
		and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local,										ate
		regulations. Wash all affected	container(s	s) for dis	posal. Dis	spose of	properly in	accordar	nce with	local, s	tate and fe	ater ede
			container(sareas and	s) for dis	posal. Dis of contai	spose of	properly in	accordar	nce with	local, s	tate and fe	ateı ede
		regulations. Wash all affected a contaminated clothing and wash t For large spills (e.g., ≥ 1 gallon (3	container(sareas and horoughly 3.8 L)), den	s) for dis loutside before r ny entry t	posal. Dis of contai euse. o all unpro	spose of poses of pos	properly in plenty of dividuals.	accordar warm w	nce with ater and I contain	local, s d soap. spill wi	tate and for Remover the inert ma	ater ede e a ater
		regulations. Wash all affected a contaminated clothing and wash t For large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY	container(sareas and horoughly 3.8 L)), den non-spark	s) for dis loutside before ray ay entry tools	posal. Dis of contai euse. o all unpro s for recove	spose of properties of the control o	properly in plenty of dividuals.	accordar warm w Dike and ransfer li	nce with rater and contain iquid to	local, s d soap. spill wi contain	tate and for Remove th inert ma ers for rec	atei e a e a atei
		regulations. Wash all affected a contaminated clothing and wash t For large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mater	container(sareas and horoughly 3.8 L)), den non-spark rial to sepa	s) for dis loutside before ray ny entry t king tools arate cor	posal. Dis of contai euse. o all unpro s for recoventainers for	spose of proper of the control of th	oroperly in plenty of dividuals. cleanup. T disposal. F	accordar warm w Dike and ransfer li Remove o	nce with ater and contain iquid to contamir	local, s d soap. spill wi containd	tate and for Remove the inert material records for records for records for the inert material records for records	atei e a atei cove
		regulations. Wash all affected a contaminated clothing and wash t For large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mater and wash affected skin areas with	container(sareas and horoughly 3.8 L)), den non-spark rial to sepa	s) for dis loutside before ray ny entry t king tools arate cor	posal. Dis of contai euse. o all unpro s for recoventainers for	spose of proper of the control of th	oroperly in plenty of dividuals. cleanup. T disposal. F	accordar warm w Dike and ransfer li Remove o	nce with ater and contain iquid to contamir	local, s d soap. spill wi containd	tate and for Remove the inert material records for records for records for the inert material records for records	atei e a atei cove
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		regulations. Wash all affected a contaminated clothing and wash t For large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Use ONLY or disposal and solid diking mater and wash affected skin areas with bodies of water.	container(: areas and horoughly 3.8 L)), den non-spark rial to sepa th soap an	s) for dis loutside before ray entry t king tools arate cor ad water.	posal. Dis of contai euse. o all unpro s for recov- ntainers for Keep spi	spose of post of the control of the	oroperly in plenty of dividuals. sleanup. T disposal. F leaning rui	accordar warm w Dike and ransfer li Remove o	nce with ater and contain iquid to contamir	local, s d soap. spill wi containd	tate and for Remove the inert material records for records for records for the inert material records for records	ater ede e a ater cove
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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU & GHS Standards SDS Revision: 5.6 SDS Revision Date: 7/19/2021

	O DUVOIGAL O CUEMICAL PROPERTIES
A	9. PHYSICAL & CHEMICAL PROPERTIES
	Clear liquid, impregnated cloth
	Slight alcohol odor
	NA 7.0-8.0
•	NA
Initial Boiling Point/Boiling	
Range:	100 °C (212 °F) @ 760 mm Hg >60°C and <=93°C (estimated)
Upper/Lower Flammability	NA
Limits:	NA NA
·	NA NA
	1.000 @ 25 °C (77 °F)
	Complete for liquid
Partition Coefficient (log	NA NA
	NA NA
	NA NA
	NA NA
Other Information:	2.97% VOC
	2.0170 400
	10. STABILITY & REACTIVITY
Stability:	Stable under normal conditions of use.
Hazardous Decomposition	None known.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Strong oxidizers and reducing agents.
Incompatible Substances:	Strong oxidizing agents, strong acids and bases.
	11. TOXICOLOGICAL INFORMATION
	Inhalation: YES Absorption: YES Ingestion: NO
· 	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product.
	See Section 4.4
	See Section 4.5
	This product <u>does not</u> contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .
Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.
	This product is not reported to produce mutagenic effects in humans.
	This product is not reported to produce embryotoxic effects in humans.
	This product is not reported to produce teratogenic effects in humans.
	This product is not reported to produce reproductive effects in humans.
•	See Section 4.2
	NE
Recommendations:	Treat symptomatically.
	12. ECOLOGICAL INFORMATION
Environmental Stability:	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available in scientific literature.
Effects on Plants & Animals:	There are no specific data available for this product.
Effects on Aquatic Life:	There are no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.
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	13 DISPOSAL CONSIDERATIONS
Waste Disposal	13. DISPOSAL CONSIDERATIONS
Waste Disposal:	13. DISPOSAL CONSIDERATIONS  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.
	Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information:  Stability: Hazardous Decomposition Products: Hazardous Polymerization: Conditions to Avoid: Incompatible Substances:  Routes of Entry: Toxicity Data: Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity: Teratogenicity: Reproductive Toxicity: Irritancy of Product: Biological Exposure Indices: Physician Recommendations:



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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU & GHS Standards SDS Revision Date: 7/19/2021 SDS Revision: 5.6 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): NOT REGULATED 49 CFR §173.150(f)(4) IATA (AIR): NOT REGULATED 14.3 IMDG (OCN): NOT REGULATED 14.4 TDGR (Canadian GND): **NOT REGULATED** ADR/RID (EU): 14.5 **NOT REGULATED** SCT (MEXICO): 14.6 NOT REGULATED ADGR (AUS): 14.7 **NOT REGULATED** 15. REGULATORY INFORMATION SARA Reporting Requirements: This product contain may contain 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 Other Federal Requirements: This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA. 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the 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. 15.7 State Regulatory Information: Some ingredients in this product, may be present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to www.P65Warnings.ca.gov Other Requirements: 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. 16. OTHER INFORMATION 16.1 Other Information: WARNING! MAY BE HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. COMBUSTIBLE LIQUID. Use as directed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves/ eye protection/face protection. IF SWALLOWED: call a POISON CENTER/doctor. Rinse mouth. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: See section 4 of this Safety Data Sheet. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use CO2, halon (if permitted), dry chemical or foam to extinguish. KEEP OUT OF REACH OF CHILDREN. 16.2 Terms & Definitions: See last page of this Safety Data Sheet. 16.3 Disclaimer This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Granite Gold's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition. 16.4 Prepared for: 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



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

SDS Revision: 5.6

SDS Revision Date: 7/19/2021

#### **DEFINITION OF TERMS**

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

#### **GENERAL INFORMATION:**

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

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

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

#### FIRST AID MEASURES:

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

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

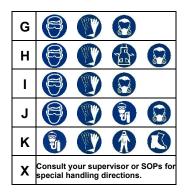
#### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

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



#### PERSONAL PROTECTION RATINGS:

Α			
В			
С			
D			
Е			
F		TH.	





#### OTHER STANDARD ABBREVIATIONS:

rritant Not Available
lot Available
No Results
Not Determined
Not Established
Not Found
Self-Contained Breathing Apparatus
Sensitization
Specific Target Organ Toxicity – Repeat Exposure
Specific Target Organ Toxicity – Single Exposure
500

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

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

#### **HAZARD RATINGS:**

0	Minimal Hazard	FLAMMABILITY
1	Slight Hazard	
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ <b>▼₩</b> У
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
TDio	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD <sub>Io</sub> , LD <sub>Io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TCo, LCio, & LCo	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

#### REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System				
DOT	U.S. Department of Transportation				
TC	Transport Canada				
EPA	U.S. Environmental Protection Agency				
DSL	Canadian Domestic Substance List				
NDSL	Canadian Non-Domestic Substance List				
PSL	Canadian Priority Substances List				
TSCA	U.S. Toxic Substance Control Act				
EU	European Union (European Union Directive 67/548/EEC)				
WGK	Wassergefährdungsklassen (German Water Hazard Class)				

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

0	<b>(A)</b>	<b>(2)</b>	<b>(4)</b>	$\odot$	<b>®</b>		(R)
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

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

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