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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards SDS Revision: 1.1 SDS Revision Date: 12/22/2022

		1	PRODUC	T & COM	DANV	IDENTIE	EICATION .		
1.1	Product Name:				FANI	IDLIVIII	ICATION		
		PORCELAIN CLEANER							
1.2	Chemical Name:	Aqueous Solu	tion						
1.3	Synonyms:	GG0158							
1.4	Trade Names:	Porcelain Cleaner							
1.5	Product Use:	Cleaner							
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:	CHEMTREC +1 (703) 527-3887 / +1 (800) 424-9300							
1.9	Business Phone / Fax:								
				ZADDE I	DENT	EICATIO	N.		
2.1	Hazard Identification:	Prepared in a		AZARDS I				nly with OSHA 20	CER 1010 1200
		Prepared in accordance with UN Globally Harmonized standards. Intended to comply with OSHA 29 CFR 1910.1200. Canadian WHMIS and Australian Work Health and Safety standards. WARNING! CAUSES SERIOUS EYE IRRITATION. Classification: Eye Irrit. 2A							
2.2	Label Elements:	Hazard Stater	<u>nents</u> (H): H319-	 Causes serio 	us eye irri	tation.			
		handling. P27	70 – Do not e	at, drink, or s	smoke w	nen using t	proughly with soap a his product. P280 cautiously with wa	Wear eye	
							tinue rinsing. P337		
		irritation persis	sts: Get medical	help.					V
2.3	Other Warnings:							t a physician or loca	al poison contro
			•		nanufactu	rer, and shov	v them this SDS.		
		KEEP OUT O	F REACH OF C	HILDREN.					
			OMBOOIT		· DEDI	ENIT INIT	ODMATION		
		3. C	OMPOSITI	ON & INC	KEUI	ENI INF	ORMATION		
						ACGIH	EXPOSURE L NOHSC	IMITS IN AIR (mg/m³) OSHA	
						ppm	ppm	ppm	
						ppiii	ES- ES- ES-	ppiii	
CHEM	IICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV STEL	TWA STEL PEAK	PEL STEL IDLH	OTHER
		7732-18-5	ZC0110000	231-191-2	60-100	NE NE	NF NF NF	NE NE NE	
WATI	ER		•	-	1				1
ISOP	ROPANOL	67-63-0	NT8050000	200-661-7	0.1-1	400 500	400 500 NF	400 500 2000	400 TWA
1001	1101711102		Eye Irrit. 2; STOT					I I I	
GLYC	COL ETHER DB	112-34-5	KJ910000	203-961-6	0.1-1	NA NA	NF NF NF	NA NA NA	
		Eye Irrit. 2; H	WT1050000	205-788-1	0.1-1	NA NA	NF NF NF	NA NA NA	
SODI	UM LAURYL SULFATE		; Skin Irrit. 2; Eye I			NA NA	INI INI INI	INA INA INA	
		7 toute Tox. 4		1111. 2, 11002, 1101					
D-LIN	MONENE	138-86-3	C28100000	205-341-0	0-0.1	NA NA	NF NF NF	NA NA NA	ALLERGEN
		138-86-3 Flam, Lig. 3:	CS8100000 Skin Irrit, 2: Skin S	205-341-0 Sens. 1: Aquatic A	0-0.1 Acute 1: Ad	NA NA	NF NF NF 1: H226. H315. H317.	NA NA NA H400. H410	ALLERGEN
OITO		Flam. Liq. 3;	Skin Irrit. 2; Skin S	Sens. 1; Aquatic A	Acute 1; Aq	uatic Chronic	1; H226, H315, H317,	H400, H410	
CITR		Flam. Liq. 3; 5392-40-5	Skin Irrit. 2; Skin S	Sens. 1; Aquatic A 226-394-6	Acute 1; Aq	uatic Chronic	L	H400, H410	ALLERGEN
CITR		Flam. Liq. 3; 5392-40-5	Skin Irrit. 2; Skin S NA	Sens. 1; Aquatic A 226-394-6	Acute 1; Aq	uatic Chronic	1; H226, H315, H317,	H400, H410	
CITR		Flam. Liq. 3; 5392-40-5	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315	Sens. 1; Aquatic A 226-394-6	0-0.1	uatic Chronic NA NA	1; H226, H315, H317, NF NF NF	H400, H410	
CITRA 4.1		Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; §	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315	Sens. 1; Aquatic A 226-394-6 5, H317	Acute 1; Aq 0-0.1	uatic Chronic NA NA NSURES	; H226, H315, H317, NF NF NF	H400, H410 NA NA NA	ALLERGEN
	AL	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; 5	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC	Sens. 1; Aquatic A 226-394-6 5, H317 FIRST All E VOMITING.	O-0.1 D MEA	NA NA NA SURES ChemTrec at	1; H226, H315, H317, NF NF NF NF +1 (703) 527-3887	H400, H410	ALLERGEN n Control Center
	AL	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; §	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emerger	Sens. 1; Aquatic A 226-394-6 5, H317 FIRST All EVOMITING. ncy telephone i	D MEA Contact (number for	uatic Chronic NA NA ASURES ChemTrec at r assistance	1; H226, H315, H317, NF NF NF NF +1 (703) 527-3887 and instructions. S	H400, H410 NA NA NA NA or the nearest Poiso	ALLERGEN n Control Center
	AL	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; 5 Ingestion: Eyes:	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emerger vomiting occurs Flush eyes thore	FIRST All EVOMITING. ncy telephone is spontaneously bughly with cop	D MEA Contact (number for , keep vicious amor	uatic Chronic NA NA ASURES ChemTrec at r assistance tim's head lounts of water	+1 (703) 527-3887 and instructions. Sowered (forward) to for at least 15 minu	H400, H410 NA NA NA Or the nearest Poiso Seek immediate med reduce the risk of attes, holding eyelid(s	ALLERGEN n Control Centerlical attention. If spiration.
	AL	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; 5 Ingestion: Eyes:	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emerger vomiting occurs Flush eyes thoro complete flushir	FIRST All EVANUELE SERVICE SER	D MEA Contact (number for, keep vicious amore sts, s	uatic Chronic NA NA ASURES ChemTrec at r assistance tim's head lounts of water eek immedia	+1 (703) 527-3887 and instructions. Sowered (forward) to for at least 15 minute medical attention	H400, H410 NA NA NA NA or the nearest Poiso Seek immediate med reduce the risk of a tes, holding eyelid(s n.	n Control Centerlical attention. If spiration.
	AL	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; S Ingestion: Eyes: Skin:	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emergel vomiting occurs Flush eyes thorocomplete flushin Remove contan	FIRST All EE VOMITING. ncy telephone is spontaneously bughly with coping. If irritation is ninated clothing.	D MEA Contact (number for, keep vicious amore sty, sy and wa	uatic Chronic NA NA SURES ChemTrec at r assistance tim's head ic unts of water eek immediash affected	+1 (703) 527-3887 and instructions. Sowered (forward) to for at least 15 minute medical attentionareas with soap ar	H400, H410 NA NA NA or the nearest Poiso Seek immediate med reduce the risk of ar tes, holding eyelid(s n. nd water. If irritatio	n Control Center lical attention. If spiration.) open to ensure n persists, seek
	AL	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; S Ingestion: Eyes: Skin:	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emerger vomiting occurs Flush eyes thoro complete flushir Remove contan prompt medical	FIRST AII EE VOMITING. ncy telephone r spontaneously bughly with coping. If irritation p ininated clothing attention. Do r	D MEA Contact (number for, keep vicious amore sersists, seep and want wear of the service of th	NA NA SURES ChemTrec at r assistance ettim's head lounts of water eek immediash affected contaminated	+1 (703) 527-3887 and instructions. S wered (forward) to for at least 15 minu te medical attention areas with soap an I clothing until after	H400, H410 NA NA NA or the nearest Poiso Seek immediate med reduce the risk of artes, holding eyelid(s n. nd water. If irritatio it has been properly	n Control Center lical attention. If spiration.) open to ensure persists, seek cleaned.
	AL	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; S Ingestion: Eyes: Skin: Inhalation:	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emerger vomiting occurs Flush eyes thoro complete flushin Remove contan prompt medical Remove victim	FIRST AII EE VOMITING. ncy telephone r spontaneously bughly with cop ng. If irritation p ninated clothing attention. Do r to fresh air at	D MEA Contact (number for, keep vicious amore sepsists, sepand wannot wear of tonce. I	NA NA SURES ChemTrec at r assistance ettim's head lounts of water eek immediash affected contaminated for breathing in the contaminated of the co	+1 (703) 527-3887 and instructions. Sowered (forward) to for at least 15 minute medical attentionareas with soap are clothing until after s difficult, adminis	H400, H410 NA NA NA or the nearest Poiso Seek immediate med reduce the risk of ar tes, holding eyelid(s n. nd water. If irritatio it has been properly ter supplemental or	n Control Center lical attention. If spiration.) open to ensure persists, seek cleaned.
4.1	AL First Aid:	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; S Ingestion: Eyes: Skin: Inhalation:	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emerger vomiting occurs Flush eyes thoro complete flushin Remove contan prompt medical Remove victim immediate medi	FIRST AII EE VOMITING. ncy telephone respontaneously bughly with coping. If irritation particular attention. Do respond attention. It is a signal attention.	D MEA Contact (number for, keep vicious amore sepsists, sepand want of the contact of the conta	NA NA SURES ChemTrec at r assistance etim's head lounts of water eek immediash affected contaminated f breathing ig stops, perf	+1 (703) 527-3887 and instructions. Sowered (forward) to for at least 15 minute medical attentionareas with soap are clothing until after s difficult, adminisorm artificial respirate.	H400, H410 NA NA NA or the nearest Poiso Seek immediate med reduce the risk of ar tes, holding eyelid(s n. nd water. If irritatio it has been properly ter supplemental or	n Control Center lical attention. If spiration.) open to ensure persists, seek cleaned.
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4.1	AL First Aid:	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; S Ingestion: Eyes: Skin: Inhalation: Ingestion: Eyes:	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emerger vomiting occurs Flush eyes thoro complete flushin Remove contan prompt medical Remove victim immediate medi If product is swa This product car	FIRST AII EE VOMITING. ncy telephone respontaneously bughly with coping. If irritation particular attention. Do not fresh air attention. It is allowed, may can cause transier.	D MEA Contact (number for, keep vicious amore sepsists, sepand want of the contact of the contact once. If breathin ause nausent mild eyement of the contact once.	NA NA SURES ChemTrec at r assistance etim's head lounts of water eek immediash affected contaminated for breathing ig stops, perfore, vomiting ve irritation w	+1 (703) 527-3887 and instructions. Sowered (forward) to for at least 15 minute medical attentionareas with soap are clothing until after s difficult, adminisorm artificial respirational and/or diarrhea.	H400, H410 NA NA NA or the nearest Poiso Seek immediate mec reduce the risk of ar tes, holding eyelid(s n. nd water. If irritatio it has been properly ter supplemental or act with liquid sprays	n Control Center lical attention. If spiration.) open to ensure persists, seek cleaned.
4.1	AL First Aid:	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; S Ingestion: Eyes: Skin: Inhalation: Ingestion: Eyes: Skin:	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emerger vomiting occurs Flush eyes thoro complete flushin Remove contan prompt medical Remove victim immediate medi If product is swa This product car This product car	FIRST AII EVANUATION STATE FIRST AII EVANUATION STATE FIRST AII EVANUATION STATE FIRST AII FIRS	D MEA Contact (number for, keep vicious amore septembers) g and want wear of the once. If breathing ause nausent mild eyransient septembers of the once of the o	NA NA SURES ChemTrec at r assistance etim's head lounts of water eek immediash affected contaminated for breathing ig stops, perform ye irritation washing irritatio	+1 (703) 527-3887 and instructions. Sowered (forward) to for at least 15 minute medical attentionareas with soap are clothing until after s difficult, adminisorm artificial respiration and/or diarrhea.	H400, H410 NA NA NA or the nearest Poiso Seek immediate mec reduce the risk of ar tes, holding eyelid(s n. nd water. If irritatio it has been properly ter supplemental or act with liquid sprays osure.	n Control Center lical attention. If spiration.) open to ensure persists, seek cleaned.
4.1	First Aid: Effects of Exposure:	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; S Ingestion: Eyes: Skin: Inhalation: Ingestion: Eyes: Skin: Inhalation:	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emerger vomiting occurs Flush eyes thoro complete flushin Remove contan prompt medical Remove victim immediate medi If product is swa This product car This product car Exposure may of	FIRST AII EE VOMITING. ncy telephone respontaneously bughly with coping. If irritation particular attention. Do not fresh air attention. It is allowed, may can cause transien cause mild, to cause respirato	D MEA Contact (number for, keep vicious amore opersists, signed want of the contact of the contact once. If breathin ause nausent mild eyransient signey tract in	NA NA SURES ChemTrec at r assistance etim's head lounts of water eek immediash affected contaminated for breathing ig stops, perform ye irritation with the contamination with the contamination with the contamination in son	+1 (703) 527-3887 and instructions. Sowered (forward) to for at least 15 minute medical attentionareas with soap are clothing until after so difficult, adminisorm artificial respiration and/or diarrhea. The short-term contawith short-term expine sensitive individing 15 minute.	H400, H410 NA NA NA or the nearest Poiso Seek immediate mec reduce the risk of ar tes, holding eyelid(s n. nd water. If irritatio it has been properly ter supplemental or act with liquid sprays osure. uals.	n Control Center lical attention. If spiration.) open to ensure persists, seek cleaned. kygen and seek sor mists.
4.1	AL First Aid:	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; \$ Ingestion: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Skin: Inhalation:	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emerger vomiting occurs Flush eyes thore complete flushir Remove contan prompt medical Remove victim immediate medi If product is swa This product car This product car Exposure may of Prolonged contar reactions (e.g.,	FIRST AII EVANITING PIRST AII EVANITING CE VOMITING Incy telephone is spontaneously bughly with coping. If irritation prinated clothing attention. Do not fresh air attention. It is allowed, may can cause transie in cause mild, to cause respirator act with skin marashes, welts, con the cause of the ca	D MEA Contact	NA NA SURES ChemTrec at r assistance etim's head lounts of water eek immediash affected contaminated for breathing ig stops, perfece, vomiting ve irritation with irritation in some beaching a in some ser	+1 (703) 527-3887 and instructions. Sowered (forward) to for at least 15 minute medical attentionareas with soap are clothing until after s difficult, adminisorm artificial respiration and/or diarrhea. With short-term contawith short-term expine sensitive individing intilation of skin.	H400, H410 NA NA NA or the nearest Poiso Seek immediate mec reduce the risk of ar tes, holding eyelid(s n. nd water. If irritatio it has been properly ter supplemental or act with liquid sprays osure.	ALLERGEN n Control Center lical attention. If spiration.) open to ensure n persists, seek r cleaned. r kygen and seek s or mists.
4.1	First Aid: Effects of Exposure:	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; \$ Ingestion: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Skin: Inhalation:	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emerger vomiting occurs Flush eyes thore complete flushir Remove contan prompt medical Remove victim immediate medi If product is swa This product car This product car Exposure may or Prolonged contar reactions (e.g., 1) include redness	FIRST AII FIRST AII EVANITING. The properties of the properties	D MEA Contact	NA NA SURES ChemTrec at r assistance etim's head lounts of water eek immediash affected contaminated for breathing ig stops, perfece, vomiting ve irritation with irritation in some ser affected are	+1 (703) 527-3887 and instructions. Sowered (forward) to for at least 15 minute medical attentionareas with soap ard clothing until after s difficult, adminisorm artificial respiration and/or diarrhea. With short-term contawith short-term expine sensitive individuals. Sas.	H400, H410 NA NA NA Or the nearest Poiso Seek immediate med reduce the risk of attes, holding eyelid(s n. Ind water. If irritatio it has been properly ter supplemental or act with liquid sprays osure. uals. The product can ca	ALLERGEN n Control Center lical attention. If spiration.) open to ensure n persists, seek r cleaned. r cleaned. r cygen and seek s or mists.
4.1	First Aid: Effects of Exposure:	Flam. Liq. 3; 5392-40-5 Skin Irrit. 2; \$ Ingestion: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Skin: Inhalation:	Skin Irrit. 2; Skin S NA Skin Sens. 1; H315 4. DO NOT INDUC or local emerger vomiting occurs Flush eyes thore complete flushir Remove contan prompt medical Remove victim immediate medi If product is swa This product car Exposure may or Prolonged contar reactions (e.g., 1 include redness Overexposure ii	FIRST AII FIRST AII EVANITING. The properties of the properties	D MEA Contact	NA NA SURES ChemTrec at r assistance etim's head lounts of water eek immediash affected contaminated for breathing ig stops, perfece, vomiting ve irritation with irritation in some ser affected are ss, itching and in some ser affected are services.	+1 (703) 527-3887 and instructions. Sowered (forward) to for at least 15 minute medical attentionareas with soap ard clothing until after s difficult, adminisorm artificial respiration and/or diarrhea. With short-term contawith short-term expine sensitive individuals. Sas.	H400, H410 NA NA NA or the nearest Poiso Seek immediate med reduce the risk of a tes, holding eyelid(s n. and water. If irritatio it has been properly ter supplemental or act with liquid sprays osure. uals. The product can ca	ALLERGEN n Control Center flical attention. If spiration.) open to ensure n persists, seek r cleaned. rygen and seek s or mists.



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		4. FIR	ST AID	MEA	SURE	S – con	t'd				
4.4	Acute Health Effects:	Moderate irritation to eyes. common symptoms include							nazards n	nay be	delayed. Mos
4.5	Chronic Health Effects:	No harmful or chronic health effects are expected to occur from a single accidental ingestion. These ingredients may be irritating to skin and mucous membrane of the eye and respiratory system. Overexposure may trigger asthma-like symptom in some sensitive individuals. May also induce skin sensitization and respiratory hypersensitivity. Possible allerg dermatitis.									
4.6	Target Organs:	Eyes, Skin.									
4.7	Medical Conditions	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.			FLAMI	FLAMMABILITY			0		
								CAL HAZ		ENIT	0 A
							EYES	SKIN		- IN I	A
		5 F	IRFFIC	HTIN	G ME	ASURES	<u> </u>				
5.1	Fire & Explosion Hazards:	Will not burn, but decompo						ovygon w	hich will		
0.1	The a Expedient nazarae.	increase the explosive limit and thermal decomposition, in health hazards	range and	burning r	rate of fla	mmable vapo	ors. As a re	esult of cor	mbustion		
5.2	Extinguishing Methods:	Foam, CO ₂ , Water Fog or D	ry Chemica	al							1
5.3	Firefighting Procedures:	Fight fires as for surroundi equivalent self-contained br from a safe distance. Keep spray to prevent pressure dilution from entering sewer	eathing ap containers build-up, a	paratus (cool unti uto-igniti	SCBA) ar il well afte on or exp	nd protective or the fire is o Alosion. Prev	clothing. Fir ut. Cool cor ent runoff f	e should b ntainers wi rom fire co	e fought ith water		•
		6. ACCII	DENTA	L REI	LEASE	MEAS	JRES				
6.1	Spills:	Before cleaning any spill or I CAUTION – may be slippe	eak, individ	luals invo				propriate F	Personal l	Protecti	ve Equipment
			windows	Remove	snilled m	personal pro	absorbent m	naterial and	d place in	nto annr	onriate close
		container(s) for disposal. Lareas and outside of contathoroughly before reuse. For large spills (e.g., ≥ 1 ga (e.g., sand or earth). Transfor proper disposal. Remo	Dispose of painer with lilon (3.8 L) fer liquid to the contamination of	Remove properly plenty of), deny e contained clean	e spilled m in accord f warm w entry to all ers for recothing pro	ance with a ance with loc ater and so unprotected covery or disp omptly and w	absorbent metal, state are ap. Remove individuals. Bosal and seash affecte	naterial and federal /e any col . Dike and olid diking	d place ir regulation ntaminate di contain : material i	nto appr ns. Wa ed cloth spill with to separ	opriate closed sh all affected ing and wash n inert materia rate container
		container(s) for disposal. E areas and outside of conta thoroughly before reuse. For <u>large spills</u> (e.g., ≥ 1 ga (e.g., sand or earth). Trans for proper disposal. Remospills and cleaning runoffs of	Dispose of painer with sliner with sliner with sliner with sliner with the sliner with sli	Remove properly plenty of), deny e o containe inated clo cipal sew	e spilled m in accord f warm w entry to all ers for rec othing pro- vers and c	aterial with a ance with locater and so unprotected covery or disponptly and was pen bodies of	absorbent meal, state areap. Remove individuals. cosal and seash affected water.	naterial and federal /e any col . Dike and olid diking	d place ir regulation ntaminate di contain : material i	nto appr ns. Wa ed cloth spill with to separ	opriate closed sh all affected ing and wash n inert materia rate container
7.1	Work & Hygiene Practices:	container(s) for disposal. Dareas and outside of container thoroughly before reuse. For large spills (e.g., ≥ 1 ga (e.g., sand or earth). Transfor proper disposal. Remospills and cleaning runoffs of the container than the container that the container than th	Dispose of painer with lilon (3.8 L) fer liquid to ve contaminat of municular of municular of ces. Avoic g. Good p	Remove properly plenty of), deny e o containe inated clearing sew	e spilled m in accord f warm w entry to all ers for recothing pro- vers and co	unprotected covery or disposition bodies of the covery of th	absorbent meal, state ar ap. Removindividuals. aposal and seash affecte of water.	naterial and federal ve any col Dike and olid diking d skin are	d place ir regulation ntaminated d contain s material thas with s using thi	nto apprins. Wased cloth spill with to sepandoap and	opriate closed sh all affected ing and wash n inert materia rate container d water. Keep act and before
	Work & Hygiene Practices: Storage & Handling:	container(s) for disposal. Dareas and outside of container thoroughly before reuse. For large spills (e.g., ≥ 1 ga (e.g., sand or earth). Transfor proper disposal. Remospills and cleaning runoffs of the container of the conta	Dispose of painer with lillon (3.8 L) fer liquid to ve contaminant of municular of municular of sees. Avoices. Good precommend	Remove properly plenty of), deny e o containe inated clearing sew	e spilled m in accord f warm w entry to all ers for recothing pro- vers and co	unprotected covery or disposition bodies of the covery of th	absorbent meal, state ar ap. Removindividuals. aposal and seash affecte of water.	naterial and federal ve any col Dike and olid diking d skin are	d place ir regulation ntaminated d contain s material thas with s using thi	nto apprins. Wased cloth spill with to sepandoap and	opriate closed sh all affected ing and wash n inert materia rate container d water. Kee
7.2		container(s) for disposal. Dareas and outside of container thoroughly before reuse. For large spills (e.g., ≥ 1 ga (e.g., sand or earth). Transfor proper disposal. Remospills and cleaning runoffs of the container than the container that the container than th	Dispose of painer with lillon (3.8 L) fer liquid to ve contaminate of municular of	Remove properly plenty of), deny e o containe inated clocipal sew STOR I direct sersonal ided.	e spilled m in accord f warm w entry to all ers for recothing pro- vers and co- RAGE	unprotected covery or disposable of the covery or disposable or disposable of the covery of the cove	absorbent meal, state ar ap. Removindividuals. Soosal and srash affecte of water. ATION AND	naterial and federal ve any colonic diking d skin are ughly after ng any ski	d place ir regulation ntaminated d contain : material t as with s using thi in contact	nto apprins. Wated cloth spill with to sepan oap and spill sprodut areas	opriate closed sh all affected ing and wash n inert materia rate container d water. Keep act and before and removing
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7.2 7.3 3.1 8.2	Storage & Handling: Special Precautions: Exposure Limits: ppm (mg/m³) Ventilation & Engineering Controls: Respiratory Protection:	container(s) for disposal. Dareas and outside of container thoroughly before reuse. For large spills (e.g., ≥ 1 ga (e.g., sand or earth). Transfor proper disposal. Remospills and cleaning runoffs of the contaminated cleaning runoffs of the contaminated clothing, are largely to the contaminated clothing, are largely to the contaminated clothing on proficial contaminated clothing on proficial contaminated clothing. 8. EXPOSURE C CHEMICAL NAME(S) ISOPROPANOL D-LIMONENE CITRAL Not required under normal ventilation). Not required under normal Avoid eye contact. Use approximated contains and	Dispose of painer with lillon (3.8 L) fer liquid to ve contaminate of municular of	Remove properly plenty of o contained clocipal sew STOR direct sersonal hided. NA NA of use. Pty glasse ent stance ted skin ouse. If it is not properly in the stance ted skin ouse. If it is not properly in the stance ted skin ouse. If it is not properly in the stance ted skin ouse. If it is not properly in the stance ted skin ouse. If it is not properly in the stance ted skin ouse. If it is not properly in the stance ted skin ouse. If it is not properly in the stance ted skin ouse. If it is not properly in the stance ted skin ouse.	e spilled m in accord f warm w entry to all ers for rec othing pro vers and c RAGE Skin conta hygiene p container ES-TWA 200 NF NF Use with a es or gogg dards succ contact w necessary	unprotected covery or disport y and wopen bodies of the covery or disport y and wopen bodies of the covery or disport y and wopen bodies of the covery or disport y and wopen bodies of the covery or disport y and wopen bodies of the covery o	absorbent in cal, state ar ap. Removindividuals. cosal and so ash affecte of water. ATION ands thorough as washing not in use. PROTECT ESPEAK NF NF NF NF NF uipment for (US) or EN ng use of the	naterial and federal reany color and federal reany color and federal reany color and federal reany skin are readily after ng any skin are readily after ng a	osha stel Stel Stel Stel Stel Stel Stel Stel S	is produt areas ibhemica ibhemica ibhemica ibhemica ibhemica ichemica	opriate closed sh all affected ing and wash in inert material rate containers in water. Keep look and removing list out of reach look of the containers of water. Weep look and removing list out of reach look of the containers of water. We and look of the containers of the container



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

SDS Revision: 1.1

SDS Revision Date: 12/22/2022

		A RUMOIOAL O OUEMIOAL PROPERTIES
		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 NA
9.11	Relative Density:	1.000 @ 25°C (77°F)
9.12	Solubility:	Complete
9.13	Partition Coefficient (log Pow):	NA NA
9.14	Autoignition Temperature:	NA NA
9.15	Decomposition Temperature:	NA NA
9.16	Viscosity:	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 ₂) and nitrogen (NO _x).
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 components of this product, which are found in the scientific literature. These data have 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: Suspected Carcinogen:	See Section 4.5
11.0	Caspedica Carolinegeri.	This product contains <u>Isopropyl Alcohol</u> , which is not carcinogenic to humans, but is listed as Group 3 carcinogen by IARC. This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <u>www.P65Warnings.ca.gov</u> .
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: Reproductive Toxicity:	This product is not reported to produce teratogenic effects in humans.
11.7	Irritancy of Product:	This product is not reported to produce reproductive effects in humans. See Section 4.2
11.8	Biological Exposure Indices:	See Section 4.2
11.9	Physician Recommendations:	Treat symptomatically.
		<u> </u>
		12. ECOLOGICAL INFORMATION
12.1	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 as follows:
		<u>Isopropyl Alcohol</u> : Log K _{OW} = 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 half-life 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.
46 :	Lw . 5:	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 NA



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Prepa	ared to OSHA, ACC, ANS	SI, WHSR, WHMIS, GHS & EU Standards	SDS Revision: 1.1	SDS Revision Date: 12/22/2022
		14. TRANSPORTATION		
The I	pasic description (ID Num	ber, proper shipping name, hazard class & division	, packing group) is shown for eac	h mode of transportation. Additional
		e required by 49 CFR, IATA/ICAO, IMDG and the C	TDGR.	
14.1	49 CFR (GND):	NOT REGULATED		
14.2	IATA (AIR):	NOT REGULATED		
14.3	IMDG (OCN):	NOT REGULATED		
14.4	TDGR (Canadian GND):	NOT REGULATED		
14.5	ADR/RID (EU):	NOT REGULATED		
14.6	SCT (MEXICO):	NOT REGULATED		
14.7	ADGR (AUS):	NOT REGULATED		
		15. REGULATORY II	NFORMATION	
15.1	SARA Reporting Requirements:	This product contains <u>Isopropanol</u> , a substance s		313 reporting requirements
15.2	SARA TPQ:	There are no specific Threshold Planning Quanti	ties for the components of this pr	oduct.
15.3	TSCA Inventory Status:	The components of this product are listed on the		
15.4	CERCLA Reportable Quantity:	NA	,	
15.5	Other Federal Requirements:	This material does not contain any hazardous air pollutants under the CWA. None of the component		
15.6	Other Canadian Regulations:	This product has been classified according to the all of the information required by the HPR. TI DSL/NDSL. None of the components of this production (WHMIS D2B – Other Toxic Effects)	e hazard criteria of theHPR and ne components of this product	the SDS contains are listed on the
15.7	State Regulatory Information:	Isopropanol is found on the following state criteria. No ingredients in this product, present in a concellists: California Proposition 65 (CA65), Delaware Massachusetts Hazardous Substances List (NS), New Jersey Right-to-Kno Right-to-Know List (PA), Washington Permissible This product does not contain any chemicals kn reproductive harm. For more information go to we	ntration of 1.0% or greater, are list Air Quality Management List (DIMA), Michigan Critical Substant W List (NJ), New York Hazardouse Exposures List (WA), Wisconsintown to the State of California to	ted on any of the following state criteria E), Florida Toxic Substances List (FL), ces List (MI), Minnesota Hazardous is Substances List (NY), Pennsylvania in Hazardous Substances List (WI).
15.8	Other Requirements:	NA		
		16. OTHER INFO	RMATION	
16.1	Other Information:	WARNING! CAUSES SERIOUS EYE IRRITATION areas thoroughly with soap and water after hand contact. Wear eye protection/face protection. IF contact lenses if present and easy to do – continue CAUTION – MAY BE SLIPPERY IF SPILLED. KEEP OUT OF REACH OF CHILDREN.	lling. Do not eat, drink, or smok IN EYES: Rinse continuously wit	e when using this product. Avoid eye th water for several minutes. Remove
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.		
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to O government regulations must be reviewed for ap knowledge, the information contained herein is r completeness is not guaranteed and no warranties contained herein relates only to the specific produproperties must be considered. Data may be cha	plicability to this product. To the reliable and accurate as of this or s of any type, either expressed or act(s). If this product(s) is combined	e best of ShipMate's & Granite Gold's date; however, accuracy, suitability or implied, are provided. The information and with other materials, all component
16.4	Prepared for:	Granite Gold, Inc. 9170 Chesapeake Drive San Diego, CA 92123 USA Tel: +1 (858) 499-8933 https://www.granitegold.com/	B Date of Board of Bo	
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters Oregon 97759-0787 USA	© Ship Mate	

Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700

http://www.shipmate.com



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DEFINITION OF TERMS

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

GENERAL INFORMATION:

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

EXPOSURE LIMITS IN AIR:

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

FIRST AID MEASURES:

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

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

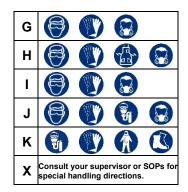
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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



PERSONAL PROTECTION RATINGS:

Α		
В		
С		
D		
Е		
F		





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	\
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ ~~~ ~~ ~
W	Use No Water	HEALTH 🔪
ОХ	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals		
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal		
ppm	Concentration expressed in parts of material per million parts		
TD _{Io} Lowest dose to cause a symptom			
TCLo Lowest concentration to cause a symptom			
TD _{Io} , LD _{Io} , & LD _o or	Do 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	European Union (European Union Directive 67/548/EEC)			
WGK	Wassergefährdungsklassen (German Water Hazard Class)			

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	(A)	(2)	(3)	\odot	(4)		R
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

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

			\Diamond					(
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment