

## SAFETY DATA SHEET

				orata	Acid Stain /Malaura	Buff)	Dovision Data	5/26/2021
SECTION – 1		RODUCT AND COMP			Acid Stain (Malayan I	bull)	Revision Date	5/20/2021
Product Name		Concrete Acid Sta	in (Malayan Buf	r)			Item	
Product Use	Concrete St	ain & Dye						
Company Nam	Direct Color 430 E 10th		Office	(87	77) 255-2656 ext.1			
	Shawnee	OK 748	01 <b>Web</b>	ww	w.DirectColors.com			
	EMERGENO		JMBER INFOT	RAC	(800) 535-5053			
SECTION – 2	HAZARDS INI				(000) 0000			
Pictogram								
Signal Word	Danger							
Hazards	PHYSICAL / HEAI	TH / ENVIRONMEN	AL HAZARD STAT	EMEN	<u>NTS</u>	HAZARD CA	TEGORY CLASSIFICATION	CODE
	May be corrosive		Category 1	Corrosive to Metals	H290			
		skin burns and eye	damage				Skin & Eye (Corrosion)	H314
	Causes serious					Category 1	Eye (Damage / Irritation)	H318
	May cause respi	-		Category 3	STOT Single Exposure	H335		
		lasting harmful effe	•	Category 4	Chronic Toxicity (Aquatic)	H413		
	liver	age to organs throu	gn proiongea or r	epeat	ed exposure	Category 2	STOT Repeat Exposure	H373
recautions		TECTION / FIRE / ST		CODE				
roodutiono	Keep out of read						P102	
	Keep only in orig						P234	
		dust / fume / gas / r	nist / vanours / sr	orav			P261	
	-	es, on skin, or on cl		July			P262	
	Wash thoroughly			P264				
		or smoke when us	ing this product		P270			
	Use only outdoo	rs or in a well-ventil	ated area		P271			
	Avoid release to	the environment					P273	
	Wear protective	gloves / protective	clothing / eye pro		P280			
	In case of inade	quate ventilation we	ar respiratory pro	tectio	n		P285	
	Absorb spillage	to prevent material	damage		P390			
		entilated place, Stor	-		P403+P405+	P233		
		e resistant containe					P406	
	-		vith all State and	Feder	al Guidelines and R	egulations	P501	
SECTION – 3	COMPOSITIO	N INFORMATION		(	Exact percentage of the list	ed chemicals of co	mposition has been withheld as a ti	rade secret)
HEMICAL NA			E AND SYNONYMS	<u>}</u>	<u>CAS #</u>			PERCENT
lydrochloric Ad			atic Acid		7647-01-0	Wa	ter < 70%	1 - 15%
ron(II) Chloride			ride Tetrahydrate ride Anhydrous		13478-10-9 7705-08-0			1 - 10%
ron(III) Chlorid	e	Femc Chio	nde Annyarous		7705-06-0			1 - 10%
SECTION – 4	FIRST AID ME	EASURES						
Eye Contact	con	tact lenses if prese	nt and easy to do	witho		and continue	r and lower eyelids, Rem rinsing, Obtain immediate	
Skin Contact	lmn to r	nediately wash cont	aminated skin wi	th a n	onabrasive soap an	d plenty of wa	tter for at least 15 minutes sent or occurs obtain med	s, Be sure lical
Inhaled					s experienced, move	e person to fre	esh air	
Ingested	DO pois	DO NOT INDUCE VOMITING, rinse mouth with water, and drink small quantitie poison control center, and get medical attention, If victim feels nauseous stop of head below hips to prevent aspiration into the lungs						

Important EffectsExposure can / may affect, eyes, liver, skinImportant SymptomsSymptoms may include, liver or kidney irregulatories, corrosive burns to skin or eyes, respiratory irritation

Page 2 of 5		DecoGel™	Acid Stain (Malaya	an Buff)	F	Revision Date	5/26/2021				
SECTION – 5	FIRE FIGHTING MEASURE	S									
Extinguishing Med	lia Not flammable: L	Jse extinguishing m	edia for surround	ing fire							
Explosion Hazard	Not applicable										
Hazardous Decom	. 0	al decomposition ca	-		-						
Protective Equipm		SH approved self-co	ntained breathing	apparatus and fu	Il protective gear						
SECTION – 6	ACCIDENTAL RELEASE MI										
Emergency Proced	entering the haza	of spill, Stop spill or ard area, Ventilate a	rea			-	rom				
Personal Precautio		precautions, Wear F			not walk through	spill					
Protective Equipme											
Containment Use rags, towels, absorbent socks or pads to prevent spill from spreading, Prevent spill from environment							е				
Clean Up Procedur	res Small Spills: Use	e wet vacuum or mo orb spill with inert m									
Disposal		ial in accordance w									
SECTION – 7	HANDLING AND STORAGE										
Handling Storage	ng mist, vapors or while using, Wash I place away from	thoroughly with s	soap and water	after							
Incompatible Mater		Keep container closed when not in use, Store in a cool place away from incompatible materials, Store in corrosive resistant container Incompatible with, amines, bases, hexalithium disilicide, metal acetylides, permanganates, strong acids, strong									
		metals, alkaline ear		-		-	-				
SECTION – 8	EXPOSURE CONTROLS / F	PERSONAL PROTEC	TION								
EXPOSURE LIMITS	-						Significa				
CHEMICAL NAME Hydrochloric Acid	ACGIH (TWA 8)	2 ppm (CEIL)	OSHA (TWA 8)	5 ppm (7 mg/m <sup>3</sup> )	NIOSH (TWA 10)	5 ppm (CEIL)	Exposur ED,SD,R <sup>-</sup>				
Iron(II) Chloride Iron(III) Chloride	(as Fe) 1mg/m³		(as Fe) 1 mg/m³	5 ppm (7 mg/m )			20,00,10				
PERSONAL PROTI	ECTION		. , 0			HMIS HAZ					
Z # 7						He Flammal React Personal Protect	ivity O				
Eyes	Wear safety glasses or go		•	•	al						
Hands	Wear chemical resistant i		•	•							
Lungs	Wear a MSHA / NIOSH a				•						
Body	"If Situation Requires" - W handling / using this mate		ant impervious pi	otective clothing i	t exposure is con	sidered to be li	kely when				
Feet	"If Situation Requires" - W	Situation Requires" - Wear chemical resistant impervious footwear if exposure is considered to be likely when handling									
	/ using this material		ant impervious fo	otwear if exposure	e is considered to	be likely when	handling				
	/ using this material Access to a drench showe material	er with eye wash sta	•	•		2	0				
Response	Access to a drench showe	of this material below	ation is a recomm w the lowest ppm	ended safety prec	aution for handlin er Threshold Lim	ng / using this ty	/pe of				
Response Ventilation	Access to a drench showe material Ventilate to keep vapors of	of this material below or for organic vapor	ation is a recomm w the lowest ppm	ended safety prec	aution for handlin er Threshold Lim	ng / using this ty	/pe of				
Response Ventilation SECTION – 9	Access to a drench showe material Ventilate to keep vapors of NIOSH approved respirate	of this material belov or for organic vapor _ PROPERTIES	ation is a recomm w the lowest ppm , supplied air or s	ended safety prec	aution for handlin er Threshold Lim thing apparatus	ng / using this ty	/pe of				
Response Ventilation SECTION – 9 Flash Point	Access to a drench showe material Ventilate to keep vapors of NIOSH approved respirate PHYSICAL AND CHEMICAL > 93.3°C (200°F) - TAG C	of this material belov or for organic vapor _ PROPERTIES	ation is a recomm w the lowest ppm , supplied air or s	ended safety prec listed above, lf ov elf-contained brea ic Gravity / Density	aution for handlin er Threshold Lim thing apparatus	ng / using this ty	/pe of				
Response Ventilation <mark>SECTION – 9</mark> Flash Point Flammable Limits	Access to a drench showe material Ventilate to keep vapors of NIOSH approved respirate PHYSICAL AND CHEMICAL > 93.3°C (200°F) - TAG C (v) ND	of this material belov or for organic vapor _ PROPERTIES	ation is a recomm w the lowest ppm , supplied air or s Specif pH (± 0	ended safety prec listed above, lf ov elf-contained brea ic Gravity / Density	eaution for handlin er Threshold Lim thing apparatus ~ 1.12	ng / using this ty	/pe of				
Response Ventilation <mark>SECTION – 9</mark> Flash Point Flammable Limits Auto-Ignition Temj	Access to a drench showe material Ventilate to keep vapors of NIOSH approved respirate PHYSICAL AND CHEMICAL > 93.3°C (200°F) - TAG C (v) ND	of this material belov or for organic vapor _ PROPERTIES	ation is a recomm w the lowest ppm , supplied air or s Specif pH (± 0 Viscos	ended safety pred listed above, If ov elf-contained brea ic Gravity / Density 0.3)	eaution for handlin rer Threshold Lim thing apparatus ~ 1.12 < 2.0	ng / using this ty	/pe of				
Response Ventilation SECTION – 9 Flash Point Flammable Limits Auto-Ignition Temp Physical State	Access to a drench showe material Ventilate to keep vapors of NIOSH approved respirate PHYSICAL AND CHEMICAL > 93.3°C (200°F) - TAG O (v) ND p. ND	of this material belov or for organic vapor _ PROPERTIES	ation is a recomm w the lowest ppm , supplied air or s Specif pH (± 0 Viscos Meltin	ended safety prec listed above, lf ov elf-contained brea ic Gravity / Density 0.3) sity (mm²s / cSt)	eaution for handlin rer Threshold Lim thing apparatus ~ 1.12 < 2.0 ND	ng / using this ty	/pe of				
Response Ventilation <mark>SECTION – 9</mark> Flash Point Flammable Limits Auto-Ignition Temp Physical State Appearance	Access to a drench show material Ventilate to keep vapors of NIOSH approved respirate PHYSICAL AND CHEMICAL > 93.3°C (200°F) - TAG O (v) ND p. ND Viscous Liquid	of this material below or for organic vapor _ PROPERTIES	ation is a recomm w the lowest ppm , supplied air or s Specif pH (± 0 Viscos Meltin Boiling	ended safety prec listed above, lf ov elf-contained brea ic Gravity / Density 0.3) sity (mm²s / cSt) g Point	eaution for handlin rer Threshold Lim thing apparatus ~ 1.12 < 2.0 ND ND	ng / using this ty	/pe of				
Response Ventilation SECTION – 9 Flash Point Flammable Limits Auto-Ignition Temp Physical State Appearance Odor	Access to a drench shows material Ventilate to keep vapors of NIOSH approved respirate PHYSICAL AND CHEMICAL > 93.3°C (200°F) - TAG O (v) ND p. ND Viscous Liquid Tan	of this material below or for organic vapor _ PROPERTIES	ation is a recomm w the lowest ppm , supplied air or s Specif pH (± 0 Viscos Meltin Boiling Vapor	ended safety pred listed above, lf ov elf-contained brea ic Gravity / Density 0.3) sity (mm <sup>2</sup> s / cSt) g Point g Point	eaution for handlin rer Threshold Lim thing apparatus ~ 1.12 < 2.0 ND ND ND	ng / using this ty	/pe of				
Response Ventilation SECTION – 9 Flash Point Flammable Limits Auto-Ignition Temp Physical State Appearance Odor Odor Threshold	Access to a drench shows material Ventilate to keep vapors of NIOSH approved respirate PHYSICAL AND CHEMICAL > 93.3°C (200°F) - TAG C (v) ND p. ND Viscous Liquid Tan Acdic	of this material below or for organic vapor _ PROPERTIES	ation is a recomm w the lowest ppm , supplied air or s Specif pH (± 0 Viscos Meltin Boiling Vapor Vapor	ended safety pred listed above, lf ov elf-contained brea ic Gravity / Density 0.3) sity (mm <sup>2</sup> s / cSt) g Point g Point Density (air=1)	eaution for handlin rer Threshold Lim thing apparatus ~ 1.12 < 2.0 ND ND ND ND ND ND	ng / using this ty	/pe of				
Response Ventilation SECTION – 9 Flash Point Flammable Limits Auto-Ignition Temp Physical State Appearance Odor Odor Threshold Solubility Volatiles	Access to a drench showe material Ventilate to keep vapors of NIOSH approved respirate PHYSICAL AND CHEMICAL > 93.3°C (200°F) - TAG O (v) ND p. ND Viscous Liquid Tan Acdic ND	of this material below or for organic vapor _ PROPERTIES	ation is a recomm w the lowest ppm , supplied air or s Specif pH (± 0 Viscos Meltin Boilin Vapor Vapor Evapo	ended safety prec listed above, lf ov elf-contained brea ic Gravity / Density 0.3) sity (mm <sup>2</sup> s / cSt) g Point g Point Density (air=1) Pressure (mmHg)	eaution for handlin rer Threshold Lim thing apparatus ~ 1.12 < 2.0 ND ND ND ND ND ND	ng / using this ty	/pe of				
Response Ventilation SECTION – 9 Flash Point Flammable Limits Auto-Ignition Temp Physical State Appearance Odor Odor Threshold Solubility	Access to a drench shows material Ventilate to keep vapors of NIOSH approved respirate PHYSICAL AND CHEMICAL > 93.3°C (200°F) - TAG O (v) ND p. ND Viscous Liquid Tan Acdic ND < 80%	of this material below or for organic vapor _ PROPERTIES	ation is a recomm w the lowest ppm , supplied air or s Specif pH (± 0 Viscos Meltin Boilin Vapor Vapor Evapo Partiti	ended safety pred listed above, If ov elf-contained brea ic Gravity / Density 0.3) sity (mm <sup>2</sup> s / cSt) g Point g Point Density (air=1) Pressure (mmHg) ration Rate (nBuAc	eaution for handlin rer Threshold Lim thing apparatus ~ 1.12 < 2.0 ND ND ND ND ND ND ND ND ND ND ND	ng / using this ty	/pe of				

Page 3 of 5		DecoGel	Rev	Revision Date 5/26/20					
SECTION - 10 STAB	ILITY AND REACTI								
Reactivity	No specific tes	t data related to rea	ctivity available for this	s product or its ir	aredients				
Chemical Stability	-		anticipated conditions	-	5				
Hazardous Polymerization			·						
<b>Conditions To Avoid</b>	Incompatible m	aterials							
Incompatible Materials		ith, amines, bases, s, metals, alkaline e	hexalithium disilicide, earth metals	metal acetylides	, permanganates, s	strong acids	, strong		
Hazardous Decompositio	n Burning or ther	mal decomposition	can produce, chlorine	, hydrogen chlori	de gas, Iron oxides	6			
SECTION - 11 TOXI	COLOGICAL INFOR	RMATION							
ROUTES OF EXPOSURE									
Eyes (Yes), Skin (Yes),	Ingestion (Yes), In	halation (Yes)							
ACUTE SY	MPTOMS OF SING	LE OVEREXPOSURE	L						
Eyes Ca	uses serious eye	damage							
Skin Ca	n cause serious s	kin damage, derma	titis						
Inhalation Mis	st, vapor or fumes	may cause, respira	tory irritation						
Ingestion Ma	y be harmful if sw	allowed							
CHRONIC SY	MPTOMS OF PROI	ONGED OR REPEA	TED OVEREXPOSURE						
Eyes Ca	uses serious eye	damage, corneal in	jury, partial or comple	te blindness					
	-	-	s, ulcerations, corrosiv						
		may cause, respira							
	•		may affect, liver, Symp	otoms may includ	le, nausea, vomitin	g, abdomina	al pain,		
	er or kidney irregu		, , , , , , , , , , , , , , , , , , ,	ý		0,			
Acute Tox Calculate	<b>Oral:</b> 4,926	6 mg/kg Deri	mal: 100,00 mg/kg	Inhaled:	> 20 mg/l				
Acute Tox Category Not	t applicable (Oral >2	,000 mg/kg), Not appl	icable (Dermal >2,000 m	g/kg), Not applicat	le (Inhaled >5 mg/l) [	Dust or Mist			
Target Organs Liv	er, Skin, Eyes, Re	spiratory System							
	· · · ·		disorders may be add	ravated by expos	sure to this product				
CARCINOGENIC – This pr		-							
CHEMICAL NAME	NTP	ACG		IARC	GH	S Category			
None Listed	NA	NA		NA	<u>on</u> NA	<u>o oategory</u>			
			toine concentrations a						
			itains concentrations a	Toxic to Repro	-				
CHEMICAL NAME	Germ Cell Muta	igenicity			duction				
None Listed	NA			NA					
COMPONENTS ACUTE TO		_							
CHEMICAL NAME	<u>Type</u>	<u>Form</u>	Subject		<u>Exposure Time</u>		ategory		
Hydrochloric Acid	LD50	Oral	Rat	700 mg/kg			000 mg/kg)		
	LD50 LC50	Dermal Inhaled	Rat Rat	5,010 mg/kg 781 mg/l	4 Hours (Mist)		) mg/kg) ) mg/l)		
Iron(II) Chloride	LD50	Oral	Rat	500 mg/kg		4 (>300, ≤2	0,		
Iron(III) Chloride	LD50	Oral	Rat	316 mg/kg			000 mg/kg)		
	LD50	Dermal	Rat	> 2,000 mg/kg		(>200	) mg/kg)		
SECTION – 12 ECOL	OGICAL INFORMA	TION							
CHEMICAL NAME	<u>Type</u>		Subject Latin	Result Valu		<u>GHS</u>	Category		
Hydrochloric Acid	LC50	Mosquito Fish (Gambusia affinis)		282 m	5	4 (>100 mg/l)			
Iron(II) Chloride	LC50			46 m	-		≤100 mg/l)		
	EC50 EC50	0	(Pseudokirchneriella s.)	6.9 m	-		≤10 mg/l) ≤100 mg/l)		
Iron(III) Chloride	LC50		(Daphnia magna) (Lepomis macrochirus)	19 m 20.3 m	5		≤100 mg/l) ≤100 mg/l)		
	EC50	-	(Daphnia magna)	12.9 m	5		≤100 mg/l)		
Presistence And Degrada			l, this material is not e		5	· - ·	5,		
Bioaccumulative Potentia			cumulation due to its h		-				
Mobility In Soil		-							
	This ma	terial is a mobile lig	uid						
Other Adverse Effects		terial is a mobile liq aquatic life with lor							

Page 4 of 5	DecoGel™ Acid Stain (Malayan Buff)						R	evision D	ate	5/26/2021		
SECTION – 13 DISPO	SAL CONSIDERATIO	NS										
Disposal Statement	DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER Dispose of any waste in accordance with all State and Federal Guidelines and Regulations											
Container Disposal	Empty containers retain product residue (vapors, liquid or solid) observe all precautions when handling, Empty drums should be returned to distributor or taken to an approved waste handling site for recycling or disposal											
Material Disposal	This material as su (40 CFR 261) due responsibility of the waste, Chemical a information presen	to its comp e user of th dditions, pr	oosition con e product to ocessing o	taining in o determi r otherwis	some o ne, at th se alterir	r all of its e time of ng this ma	compoi disposa aterial m	nents, L II, wheth Iay mak	Under R ner the the w	CRA rule	es, it is is a ha	the zardous
SECTION – 14 TRANS	PORT INFORMATION			-			-					
DOT CLASSIFICATION												
UN Number	Proper Shipping Name n.o.s. ( Chemicals ) or "Limits"											
UN 3264	CORROSIVE, LIQI								loride)			
Hazard Class Packing G			Reportabl			Respons		ine Poll	-	Hazard L	ahol	Secondarv
8	Corrosive I			40,000)	<u>, (ii)</u>	<u>154</u>		No	utant		aver	<u>Secondary</u>
-	Conosive	_iquia	- (.	40,000)		134		NO				
Additional Info:										CORROSIV	re l	
										×		
SECTION – 15 REGU	JLATORY INFORMATI	ON										
<u>TSCA</u>												
CHEMICAL NAME	Se	c 8(b) Active	nventory	Sec 8(d) He	alth And S	afety S	ec 4(a) Ch	emical Te	est Rules	Sec 12(	b) Expor	t Notification
Hydrochloric Acid		Yes										
Iron(II) Chloride		Yes										
Iron(III) Chloride		Yes										
REPORTABLE QUANTITIES	<u></u>	Extremely Ha	zardous	Re	portable Q	uantity	Emission	Reporting	]			
CHEMICAL NAME	EPCRA TP	Q Sec 302	EPCRA RQ Se	c 304 CE	RCLA RQ	Sec 103	TRI S	ec 313	RC	RA Code	RMF	TQ Sec 112
Hydrochloric Acid					5000	)						
Iron(III) Chloride					1000							
SARA	Se	ection 311				Section	311/31	2 Hazar	ds			
CHEMICAL NAME	Hazar	dous Chem	ical	Acute	c	hronic	Fla	mmable		Pressure		Reactive
Hydrochloric Acid		Yes		Yes								
Iron(II) Chloride		Yes		Yes		Yes						
Iron(III) Chloride		Yes		Yes								
RIGHT TO KNOW												
					STATE							
CHEMICAL NAME	СА	ст	FL IL	LA	STATE NJ	NY	PA	мі	MN	МА	RI	WI
CHEMICAL NAME	CA	СТ	FL IL	LA Yes	NJ	NY Yes	PA Yes	МІ	MN Yes	MA Yes	RI Yes	WI
Hydrochloric Acid	Yes	СТ	FL IL	LA Yes	NJ Yes	NY Yes	Yes	МІ	MN Yes	Yes	Yes	WI
Hydrochloric Acid Iron(III) Chloride		can expos	e you to che	Yes micals (Li	NJ Yes Yes sted belo	Yes ow) knowi	Yes Yes n to the :	State of	Yes	Yes Yes	Yes Yes	
Hydrochloric Acid Iron(III) Chloride	Yes Yes RNING: This Product	can expose narm. For m	e you to che	Yes micals (Li ation go to	NJ Yes Yes sted belo	Yes ow) knowi	Yes Yes n to the s gs.ca.gov	State of	Yes Califor	Yes Yes nia to cau	Yes Yes I <b>se can</b>	
Hydrochloric Acid Iron(III) Chloride CALIFORNIA	Yes Yes RNING: This Product ects or reproductive h	can expose narm. For m	e you to che nore informa	Yes micals (Li ation go to	NJ Yes Yes sted belo	Yes ow) known 65Warning	Yes Yes n to the s gs.ca.gov	State of	Yes Califor	Yes Yes nia to cau	Yes Yes I <b>se can</b>	cer, birth
Hydrochloric Acid Iron(III) Chloride CALIFORNIA CHEMICAL NAME None Listed	Yes Yes RNING: This Product ects or reproductive H CAS #	can expose narm. For m B	e you to che nore informa	Yes micals (Li ttion go to R	NJ Yes Yes sted belo	Yes ow) known 65Warning	Yes Yes n to the s gs.ca.gov	State of Carcin	Yes Califor ogen	Yes Yes nia to cau	Yes Yes Ise can Develo	cer, birth
Hydrochloric Acid Iron(III) Chloride CALIFORNIA Mefe CHEMICAL NAME	Yes Yes RNING: This Product ects or reproductive f CAS #	can exposo narm. For m B	e you to che lore informa irth Defects	Yes micals (Li ttion go to R	NJ Yes Yes sted belo www.P	Yes ow) knowi 65Warning tive Harm	Yes Yes n to the s gs.ca.gov	State of Carcin	Yes Califor ogen	Yes Yes nia to cau	Yes Yes ise can Develop	cer, birth
Hydrochloric Acid Iron(III) Chloride CALIFORNIA MARK CHEMICAL NAME None Listed CLEAN AIR WATER ACTS CHEMICAL NAME	Yes Yes RNING: This Product ects or reproductive F CAS # CAS #	can expose narm. For m B	e you to che hore informa irth Defects Clean Air Ao HAP	Yes micals (Li ttion go to R	NJ Yes Yes sted belo www.P	Yes ow) knowi 65Warning tive Harm	Yes Yes n to the s gs.ca.gov	State of Carcin	Yes Califor ogen Clean W	Yes Yes nia to cau	Yes Yes ise can Develop	cer, birth omental
Hydrochloric Acid Iron(III) Chloride CALIFORNIA CHEMICAL NAME None Listed CLEAN AIR WATER ACTS CHEMICAL NAME Hydrochloric Acid	Yes Yes RNING: This Product ects or reproductive f CAS # CAS # 7647-01-0	can exposo narm. For m B	e you to che hore informa irth Defects Clean Air Ao HAP Yes	Yes micals (Li ttion go to R Cts Ozone	NJ Yes Yes sted belo www.Pr eproduc	Yes ow) known 65Warning tive Harm Ozone	Yes Yes n to the s gs.ca.gov Class 2	State of Carcin	Yes Califor ogen Clean W HS	Yes Yes nia to cau /ater Acts PF	Yes Yes ise can Develop	cer, birth omental
Hydrochloric Acid Iron(III) Chloride CALIFORNIA CHEMICAL NAME None Listed CLEAN AIR WATER ACTS CHEMICAL NAME Hydrochloric Acid INTERNATIONAL REGULAT	Yes Yes RNING: This Product ects or reproductive F CAS # CAS # 7647-01-0 TIONS – The compo	can expose narm. For m B	e you to che lore informa irth Defects Clean Air Ao HAP Yes s product are	Yes micals (Li ation go to R Cts Ozone	NJ Yes Yes sted belo www.P eproduc Class 1	Yes bw) known 65Warning tive Harm Ozone	Yes Yes n to the s s.ca.gov Class 2	State of Carcin	Yes Californ ogen Clean W HS	Yes Yes nia to cau /ater Acts PF	Yes Yes ise can Develop	cer, birth omental TP
Hydrochloric Acid Iron(III) Chloride CALIFORNIA CHEMICAL NAME None Listed CLEAN AIR WATER ACTS CHEMICAL NAME Hydrochloric Acid INTERNATIONAL REGULAT CHEMICAL NAME	Yes Yes RNING: This Product ects or reproductive F CAS # CAS # 7647-01-0 TIONS – The compo Austr	can expose narm. For m B nents of this	e you to che hore informa irth Defects Clean Air Ao HAP Yes s product are Canada	Yes micals (Li ation go to R Cts Ozone	NJ Yes Yes sted belo www.Pi eproduc Class 1	Yes bw) known 65Warning tive Harm Ozone	Yes Yes n to the gs.ca.gov Class 2 Dries of th Japar	State of Carcin	Yes Californ ogen Clean W HS ing cour	Yes Yes nia to cau /ater Acts PF ntries: orea	Yes Yes ise can Develop	cer, birth omental TP UK
Hydrochloric Acid Iron(III) Chloride CALIFORNIA CHEMICAL NAME None Listed CLEAN AIR WATER ACTS CHEMICAL NAME Hydrochloric Acid INTERNATIONAL REGULAT	Yes Yes RNING: This Product ects or reproductive F CAS # CAS # 7647-01-0 TIONS – The compo	can expose narm. For m B onents of this ralia	e you to che lore informa irth Defects Clean Air Ao HAP Yes s product are	Yes micals (Li ation go to R Cts Ozone	NJ Yes Yes sted belo www.P eproduc Class 1	Yes bw) known 65Warning tive Harm Ozone	Yes Yes n to the s s.ca.gov Class 2	State of Carcin	Yes Californ ogen Clean W HS ing cour Ka	Yes Yes nia to cau /ater Acts PF	Yes Yes ise can Develop	cer, birth omental TP

SECTI	ON – 16 OTHER INFORMATION								
<u>SDS</u>	LEGEND DESCRIPTION								
~	Approximately	KD	Kidney Damage (nephropathy)						
ACGIH	American Conference of Governmental Industrial Hygienists	LC50	A concentration that is lethal to 50% of a given species in a given time						
CAS	Chemical Abstracts Service Registry	LD50	Dose that is lethal to 50% of a given species by a given route of exposure						
CEIL	Ceiling Limit (15 minutes)	LEL	Lower Explosive Limit						
CERCL	Comprehensive Environmental Response, Compensation, and Liability Act	LD	Liver Damage						
CI	Cochlear Impairment	NA	Not Applicable						
CNS	Central Nervous System	ND	Not Determined						
EC50	Concentration of a chemical that gives half-maximal response	NE	Not Established						
EPA	Environmental Protection Agency	NFPA	National Fire Protection Association						
Eye	(EI = Irritation) (ED = Damage) (EV = Visual Impairment)	NIOSH	National Institute for Occupational Safety and Health						
FBG	Full Bunker Gear	NTP	National Toxicology Program						
GHS	Globally Harmonized System	OSHA	Occupational Safety and Health Administration						
HAP	California Hazardous Air Pollutant Clean Air Act	PEL	Permissible Exposure Limit (OSHA)						
HMIS-A	Safety glasses	PNS	Peripheral Nervous System						
HMIS-B	Safety glasses, gloves	PP	California Priority Pollutant under the Clean Water Act						
HMIS-C	Safety glasses, gloves, chemical apron	REL	Recommended exposure limit (NIOSH)						
HMIS-D	Face shield, gloves, chemical apron	RT	Upper Respiratory Tract						
HMIS-E	Safety glasses, gloves, dust respirator	Skin	(SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer)						
HMIS-F	Safety glasses, gloves, chemical apron, dust respirator	SARA	Superfund Amendments and Reauthorization Act						
HMIS-G	Safety glasses, gloves, vapor respirator	STEL	Short Term Exposure Limit (15 minutes)						
HMIS-H	Splash goggles, gloves, chemical apron, vapor respirator	TC Lo	Lowest concentration that is toxic to a given species in a given time						
HMIS-I	Safety glasses, gloves, dust and vapor respirator	TD Lo	Lowest dose that is toxic to a given species						
HMIS-J	Splash goggles, gloves, chemical apron, dust and vapor respirator	TLV	Threshold Limit Value (ACGIH)						
HMIS-K	Air line hood or mask, gloves, full chemical suit, boots	TP	California Toxic Pollutant under the Clean Water Act						
HMIS-X	Ask Supervisor	TSCA	Toxic Substances Control Act						
HS	California Hazardous Substance under the Clean Water Act	TWA	Time Weighted Average (8 hours) - NOISH (10 hours)						
IG / IH	(IG = Ingested) / (IH = Inhaled - Vapors / Mists / Gas)	UEL	Upper Explosive Limit						
Direct C	Colors LLC								

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-- End of Safety Data Sheet --