SAFETY DATA SHEET

Section 1	Chemical Product and Compa	iny identification			Page E1 of E2
				CHEMTREC 24 Hour I	Emergency
				Phone Number (800) For laboratory use	
				Not for drug, food or hou	sehold use.
				<u> </u>	
Product					
Synonyms					
Section 2	Hazards Identification				
Occilon 2	riazaras identinoation				
Ca Prop 65 - This p	roduct does not contain any chemicals	s known to the State of Ca	llifornia to cause car	ncer. birth defects. or any other reproductive ha	arm.
			llifornia to cause car	ncer, birth defects, or any other reproductive ha	arm.
Section 3	roduct does not contain any chemicals Composition / Information on	Ingredients			arm.
			llifornia to cause car	ncer, birth defects, or any other reproductive ha	arm.
Section 3		Ingredients			arm.
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Section 3 Chemical Name	Composition / Information on	Ingredients			arm.
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Section 3 Chemical Name	Composition / Information on	Ingredients			arm.
Section 3 Chemical Name Section 4	Composition / Information on First Aid Measures	Ingredients			arm.
Section 3 Chemical Name	Composition / Information on	Ingredients			arm.
Section 3 Chemical Name Section 4	Composition / Information on First Aid Measures	Ingredients			arm.
Section 3 Chemical Name Section 4	Composition / Information on First Aid Measures	Ingredients			arm.
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Section 3 Chemical Name Section 4	Composition / Information on First Aid Measures	Ingredients			arm.
Section 3 Chemical Name Section 4	Composition / Information on First Aid Measures	Ingredients CAS#			arm.

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Section 7 Page E2 of E2 Handling & Storage

contact with eyes, skin and clothing. Do not inhale dusts. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area away from incompatible substances. Avoid acids and acid fumes.

Section 8	Exposure Controls / Personal Protection				
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)	
Exposure Limits.	Copper dust and mists; as Cu	V Y ŒKÁFÁ { *Đ { ^H	V Y ŒKÁFÁ { *Ð { H	V Y ŒKÁFÁ { *Đ { ^H	

Engineering controls: @&&ijitit^=6+ec[|i|*^t|i|*ciji:i|*h@i=i|*h@i=i|*mc^\isu|i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i=i|*h@i should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: Þ[}^¼•@[`|åkà^¼}^^å^åkå}^|[{ &|k|æà[|æc||^k@æ}ā|i}*kækl[[{ ko^{]^\æc*'^•Êklo-kā*•c^k&[}åkii[}*-k]!^çæi|Ék_[!\ki]k-* { ^\@[[åk[!k_^æ|kækleQUÙPÐTÙPŒE approved respirator.

Section 9 Physical & Chemical Properties

Appearance: Solid. Dark green powder.

Odor: No odor.

Odor threshold: Data not available.

pH: Data not available.

Melting / Freezing point: Data not available

Boiling point: Data not available Flash point: Data not available

Evaporation rate (= 1): Data not available Flammability (solid/gas): Data not available. Explosion limits: Lower / Upper: Data not available

Vapor pressure (mm Hg): Negligible Vapor density (Air = 1): Data not available Relative density (Specific gravity): IÉ€

Solubility(ies): Insoluble in water.

Partition coefficient: Data not available Auto-ignition temperature: Data not available Decomposition temperature: ŁG€€»Ô¼HJG»ØD

Viscosity: Data not available.

Molecular formula: $M\hat{O}^{*}\hat{O}U_{H}^{*}\hat{O}^{*}\hat{C}UPD_{2}$

Molecular weight:ÁÁGGFÈF€

Section 10 Stability & Reactivity

Chemical stability: Stable Hazardous polymerization: Will not occur.

Incompatible materials: MU¢ååå: ^\=É4=c| [} * kæ&åå=Ékæ} åkæ| ~ { å} ~ { ÉkhÛ [å; ~ { k@^] [à| [{ åc^Ékæ&^c^|^} ^Ék@^å|æ:å} ^Ékæ}åå}äc| [{ ^c@æ}^È

Hazardous decomposition products: Carbon oxides, copper fumes, traces of hydrogen chloride, nitrogen oxides.

Section 11 Toxicological Information

Acute toxicity: U¦æ|ǦæἀŠÖÍ€¼FHÍ€Å{*Đ*ÄÄ Skin corrosion/irritation: Data not available

Section 12 **Ecological Information**

Toxicity to fish:ÁÁŠÔÍ€ÁMÁŁFÁ { *ĐŠĐJĨÁ@[~¦•ÁŽÁ•@áÁ

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae:ÁQÔÍ€ÁMÁŁFÁ { *ĐŠĐÏGÁ@[ˇ¦•ÁŽæ|*æ^á

Persistence and degradability: No data available Mobility in soil: No data available

Bioaccumulative potential: No data available PBT and vPvB assessment: No data available

Other adverse effects: AV [@184c [A A • @Aæ } å A [c@^! A] æc^! A [! *æ } i • { • ÈAAS^^] A [~cA [~A] æc^! , æ^• ÈAA

Disposal Considerations

V@^•^Ååi•][•æ|Å**iå^|i}^•kæ|^Åi}o^}å^åÅ-[!ko@^Ååi•][•æ|Å[-k&ææ|[*É•i:^Å**æ}cici^•Å[}]*ÉklØ^å^!æ|Å!^**|æci]}•Å{æ^kæ}]]]^kc[Å^{]c^k&[}cæi}^!Éklùcæc^kæ}åt[!Å[&æ|Å regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

Transport Information (US DOT / CANADA TDG) Section 14

Section 15 Regulatory Information A chemical is considered to be listed if the CAS number for the anhydrous form is on the Inventory list. TSCA RCRA code DSL NDSL Component CERLCA (RQ) Ô `] lã&Á&æ¦à [}æc^ÉÁàæ•ã&Á Šā•c^åÅ Þ[cÁlá•c^åÁ Þ[cÁ|ā•c^å/ Šā•c^åÁ Þ[cÁ|ã•c^åÁ

Section 16 Other Information

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent ERG: Emergency Response Guidebook

Section 1	L'identification de produit chimique et de compagnie	Page F1 of F
		CHEMTREC 24 Numéros De Téléphone De Secours D'Heure (800) 424-9300 Pour l'usage de laboratoire seulement. Pas pour l'usage de drogue, de nourriture ou de ménage.
Produit		
Synonymes		
Section 2	Identification De Risques	
Section 3	Composition / Information Sur Des Ingrédients	
Section 3 Nommé Chimiq		IECS
		IECS
Nommé Chimiq	que #CAS % EIN	JECS
Nommé Chimiq	que #CAS % EIN	JECS
Nommé Chimiq	Mesures De Premiers Soins	JECS

0 11 0	0 1 0 0 0 0	D "		
Section 8 Limites d'expositi	Commandes D'Exposition / Protection Nommé Chimique	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
Lillites d'expositi				
Section 9	Propriétés Physiques Et Chimiques			
Section 9	Proprietes Physiques Et Chilliques			
Section 10	Stabilité Et Réactivité			
Section 10	Stabilité Et Réactivité			
Section 11	L'Information Toxicologique			
	4			
Section 12	L'Information Écologique			
Section 13	Considérations De Disposition			
	^•k•[}ckå^•ci}^•kek q i{i}aaci[}kå^k ækåi•][•isi[}kåq~}k	&æcæ [*~^kå^kcæi ^k•^~ ^•k ^•k~~*æ}cic•ÈkŠ^•k -	* ^{^}c•Áå æ~¢Á]^~ç^}cl•@]] i~~~ kæ~¢l&	[}c^}æ}c•Áçãå^•ÈÁÖ^•Á¦* ^{^}cæď[}•Á
Section 16	L'autre Information			

Section 7

Manipulation Et Stockage