

Revision: 04/30/2014 Supersedes Revision: 08/27/2005

			Supersedes Revision: 08/27/2005
		rding to Regulation (EC) No. 1907/2006 as amended by (E	
	Section 1. Id	lentification of the Substance/Mixture and of the	e Company/Undertaking
1.1	Product Code: Product Name: Synonyms:	10006329 EUK 134 chloro[[2,2'-[1,2-ethanediylbis[(nitrilokappa kappa.0]]]-manganese;	.N)methylidyne]]bis[6-methoxyphenolato
1.2	Relevant identified uses	s of the substance or mixture and uses advi	ised analinst
1.2		: For research use only, not for human or vete	•
1.3	Details of the Supplier o Company Name:	·	
	Web site address:	www.caymanchem.com	
	Information:	Cayman Chemical Company	+1 (734)971-3335
1.4	Emergency telephone ne Emergency Contact:	umber: CHEMTREC Within USA and Canada: CHEMTREC Outside USA and Canada:	+1 (800)424-9300 +1 (703)527-3887
		Section 2. Hazards Identifica	tion
2.2 2.2.1 2.2.2	GHS Signal Word: GHS Hazard Phrases: Based on evaluation of cu GHS Precaution Phrases No phrases apply. GHS Response Phrases No phrases apply. GHS Storage and Dispos Please refer to Section 7 f	Regulation (EC) No 1272/2008 [CLP]: Irrently available data this substance or mixture s: : sal Phrases: for Storage and Section 13 for Disposal informa	

Multi-region format



SAFETY DATA SHEET **EUK 134**

Revision: 04/30/2014 Supersedes Revision: 08/27/2005

2.3	 Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigated. 							
		Sect	ion 3. Composition	/Information c	on Ingredie	nts		
CAS : RTEC		Hazardous Comp REACH Registrat	oonents (Chemical Name)/ tion No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification		
8106 NA	5-76-1	EUK 134		100.0 %	NA NA	No phrases apply. No data available.		
			Section 4. Fir	rst Aid Measu	res			
4.1	Descri Measu	-	i No data available.					
	In Cas	e of Inhalation:	Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.					
	In Case of Skin Contact:		Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.					
	In Case Contac	e of Eye ct:	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.					
	In Case of Ingestion:		Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.					
			Section 5. Fire	Fighting Mea	sures			
5.1			Use alcohol-resistant foar			emical spray.		
	Media:		Use water spray to cool fire-exposed containers.					
	Unsuit Extina	able uishing Media:	A solid water stream may	de inefficient.				
5.2 Flammable Properties No data available. and Hazards:								
	Flash I	Pt:	No data.					
	Explos	sive Limits:	LEL: No data.	UEL: No data.				
	Autoig	nition Pt:	No data.					
5.3	Fire FightingAs in any fire, wear self-contained breathing apparatus pressure-demand (NIOSHInstructions:approved or equivalent), and full protective gear to prevent contact with skin and even							
	Section 6. Accidental Release Measures							
6.1	Protec	tive Equipment mergency	s, Avoid raising and breathing dust, and provide adequate ventilation. As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).					
6.2	Enviro Precau	nmental utions:	Take steps to avoid release into the environment, if safe to do so.					
6.3	Methods and Material For Containment and Cleaning Up:Contain spill and collect, as appropriate. Transfer to a chemical waste container for disposal in accordance with local regulation				rdance with local regulations.			
						Multi-region format		



Revision: 04/30/2014 Supersedes Revision: 08/27/2005

						Superse	des Revision: 08/27/20	
			Section	7. Handling	g and Sto	rage		
7.1 Precautions To Be Avoid breathing dust/fume/gas/mist/vapours/spray.					spray.			
	Taken i	in Handling:	Avoid prolonged	or repeated exp	posure.			
7.2		tions To Be	Keep container ti	ightly closed.				
	Taken i	in Storing:	Store in accorda	nce with inform	ation listed or	n the product insert.		
		Sec	tion 8. Expos	sure Contro	ols/Persor	nal Protection		
8.1	Exposi	ure Parameters:						
CAS # Partial Chemical Na		Name	Britain EH4	0	France VL	Europe		
8106	65-76-1	EUK 134		No data.		No data.	No data.	
CAS #	¥	Partial Chemical Name		OSHA TWA		ACGIH TWA	Other Limits	
8106	65-76-1	EUK 134		No data.		No data.	No data.	
8.2	Expos	ure Controls:		ł			ł	
8.2.1	Engine	ering Controls	Use process end	losures, local e	xhaust ventila	ation, or other engine	ering controls to	
	-	ation etc.):	control airborne l	levels below red	commended e	exposure limits.		
8.2.2	Perso	nal protection e	quipment:					
	Eye Pro	otection:	Safety glasses					
	Protect	tive Gloves:	Compatible chen	npatible chemical-resistant gloves				
				0				
	Other F	Protective	Lab coat	Ū	,			
	Other F Clothin		Lab coat	Ū	,			
	Clothin	ig:	Lab coat t NIOSH approved	-		arrant.		
	Clothin Respira (Specif	ıg: atory Equipmen y Type):	t NIOSH approved	d respirator, as o		arrant.		
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Multi-region format



Page: 4

		•				
9.2	Other Information					
	Percent Volatile:	No data.				
	Molecular Formula & Weight: C18H18CIMnN2O4 416.7					
		Section 10. Stability and Reactivity				
10.1	Reactivity:	No data available.				
10.2	Stability:	Unstable [] Stable [X]				
10.3	Stability Note(s):	Stable if stored in accordance with information listed on the product insert.				
	Polymerization:	Will occur [] Will not occur [X]				
10.4	Conditions To Avoid:	No data available.				
10.5	Incompatibility - Materials To Avoid:	No data available.				
10.6	Hazardous Decomposition Or Byproducts:	No data available.				
		Section 11. Toxicological Information				
11.1	Information on Toxicological Effects:	The toxicological effects of this product have not been thoroughly studied.				
Carci	nogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No				
		Section 12. Ecological Information				
12.1	Toxicity:	Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.				
		Section 13. Disposal Considerations				
13.1	Waste Disposal Method:	Dispose in accordance with local, state, and federal regulations.				
		Section 14. Transport Information				
14.1	LAND TRANSPORT (JS DOT):				
D	OT Proper Shipping Na OT Hazard Class: N/NA Number:	me: Not dangerous goods.				
14.1	LAND TRANSPORT (I	European ADR/RID):				
U	DR/RID Shipping Name N Number: azard Class:	Not dangerous goods.				
14.3	AIR TRANSPORT (IC)	ΑΟ/ΙΑΤΑ):				
IC	CAO/IATA Shipping Nam	ne: Not dangerous goods.				
	tional Transport mation:	Transport in accordance with local, state, and federal regulations.				



Supersedes Revision: 08/27/2005

		Section 15. Regu	latory Inform		ersedes Revision: 08/27/2005		
EPA SARA (Si	uperfund Amen	dments and Reauthorization Act	of 1986) Lists				
		omponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)		
81065-76-1	EUK 134		No	No	Yes-Cat. N450		
CAS #	Hazardous Co	omponents (Chemical Name)	Other US EPA or State Lists				
81065-76-1				HAP; CWA NPDE	S: No; TSCA: No; CA		
European Co	ommunity Haz	ard Symbol codes:					
European Co	ommunity Ris	k and Safety Phrases:					
S24/25		Avoid contact with skin and e	yes.				
S37/39		Wear suitable gloves and eye/face protection.					
Regulatory In	ofrmation	This SDS was prepared in a	accordance with R	egulation (EC) No	0.1272/2008 and		
Statement:			This SDS was prepared in accordance with Regulation (EC) No.1272/2008 and European Directive 67/548/EEC as amended.				
. <u></u>		Section 16. Ot	her Information	on			
Revision Date	e:	04/30/2014					
Additional Inf	formation Abo	out No data available.					
This Product	:						
Company Policy or Disclaimer:		DISCLAIMER: This informa information currently availab or any other warranty, expre assume no liability resulting determine the suitability of t	ble to us. However ess or implied, with from its use. Use	, we make no wa n respect to such ers should make th	rranty of merchantability information, and we neir own investigations to		