

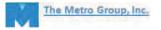
		Supersedes Revision: 06/19/2014		
•	1. Product and Company	Identification		
Product Code:	E0930			
Product Name:	CORRODINE 930			
Company Name:	THE METRO GROUP, INC	Phone Number:		
	50-23 23RD STREET LONG ISLAND CITY, NY 11101	(718)729-7200		
Web site address:	www.metrogroupinc.com			
Emergency Contact:	CHEMTREC	(800)424-9300		
ynonyms:	STEAM AND CONDENSATE RETUR	N LINE TREATMENT		
	2. Hazards Identifi	cation		
Acute Toxicity: Inhalation, C Acute Toxicity: Oral, Catego Skin Corrosion/Irritation, Ca Toxic To Reproduction, Cate Content of Catego	ry 4 tegory 1B			
GHS Signal Word:	Danger			
GHS Hazard Phrases:	H290: May be corrosive to metals.			
	H332: Harmful if inhaled.			
	H302: Harmful if swallowed.			
	H314: Causes severe skin burns and eye damage.			
	H361: Suspected of damaging fertility			
GHS Precaution Phrases:	P210: Keep away from sparks or oper P233: Keep container tightly closed.	n flames No smoking.		
	P271: Use only in a well-ventilated ar	ea.		
	P261: Avoid breathing fume, vapour or spray.			
	P264: Wash thoroughly after handling			
	P270: Do not eat, drink or smoke whe			
	P280: Wear protective gloves, protect	ive clothing and eye protection.		
and the set of the second	P242: Use only non-sparking tools.	we also an		
GHS Response Phrases:	P390: Absorb spillage to prevent mate	rnal damage. im to fresh air and keep at rest in a position		
	comfortable for breathing.	an to near all and keep at reach a position		
	그는 것 것 같아요. 정도 집 것 같아요. 아무지 않는 것 같은 것 같아. 이 것 같아. 이 것 같아.	POISON CENTER or doctor/physician if you feel		
		Remove/take off immediately all contaminated		
	clothing. Rinse skin with water/shower			
	P363: Wash contaminated clothing before reuse.			
	P305+351+338: IF IN EYES: Rinse ca contact lenses, if present and easy to	autiously with water for several minutes. Remove do. Continue rinsing.		
	P301+330+331: IF SWALLOWED: Ri	nse mouth. Do NOT induce vomiting.		
	P308+313: IF exposed or concerned: Get medical attention/advice.			
	PI370+378: In case of fire, use water extinguish.	spray, dry chemical, CO2 or appropriate foam to		
GHS Storage and Disposal	P403+235: Store in a cool/well-ventila	ted place.		
Phrases:	P501: Dispose of contents/container in	n accordance with Federal, State and local		



	regulations. Refer to section 13.
Hazard Rating System:	HEALTH 2 FLAMMABILITY 0 PHYSICAL 0
HMIS:	PPE C NFPA: Special Hazard
OSHA Regulatory Status:	This material is classified as hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic):	May be harmful if swallowed, in contact with skin, or if inhaled.
Inhalation:	May cause allergy or asthma symptoms or breathing difficulties if inhaled
Skin Contact:	Causes skin burns, irritation and possible allergic reaction.
Eye Contact:	Can cause severe injury (reddening and swelling).
Ingestion:	Fatal if swallowed.
Medical Conditions General Aggravated By Exposure:	Ily Not Determined
3	8. Composition/Information on Ingredients
CAS # Hazardous Con	nponents (Chemical Name) Concentration
100-37-8 2-Diethylaminoe	thanol 5.000 - 15.000 %
108-91-8 Cyclohexylamine	5.000 - 25.000 %
110-91-8 Morpholine	5.000 - 15.000 %
	4. First Aid Measures
Emergency and First Aid Procedures:	IF ON SKIN: Wash with plenty of soap and water. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
In Case of Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
n Case of Skin Contact:	In case of contact, flush skin with plenty of water. remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.
n Case of Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.
n Case of Ingestion:	If swallowed, do not induce vomiting unless directed to do by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid.
Note to Physician:	Treat symptomatically and supportively.



	5.	Fire Fighting Mea	asures	
Flash Pt:	> 100.00 F (3	7.8 C) Method Used: (Closed Cup	
Explosive Limits:	LEL: No data	U	EL: No data.	
Autoignition Pt:	No data.			
Suitable Extinguishing Mee	dia: Use water sp	ay, dry chemical, carbon	dioxide or appropriate foar	n.
Fire Fighting Instructions:	approved or e gases may be	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear. During a fire, irritatin and hihly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed container cool.		
Flammable Properties and Hazards:	Not Flammab	le.		
	6. Acc	cidental Release	Measures	
Protective Precautions, Protective Equipment and Emergency Procedures:	Goggles or fa	ice shield, rubber gloves,	and chemical resistant ap	ron
Environmental Precautions	suitable conta	ainer. Clean up spills imm	aterial (e.g. vermiculite, san nediately, observing precau es of ignition. Use a spark-p	tions in the Protective
Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper p	ersonal protective equipn	nent as indicated in Sectior	18
	7.	Handling and St	torage	
Precautions To Be Taken in Handling:	Use spark-pro clothing. Emp dangerous. A drill, grind, or	bof tools and explosion pr ty containers retain produ- void ingestion and inhalat expose empty containers	ve contaminated clothing a roof equipment. Avoid conta uct residue, (liquid and/or va tion. Do not pressurize, cut to heat, sparks or open fla heat and flame. Avoid brea	act with eyes, skin, and apor), and can be , weld, braze, solder, ames. Use only with
Precautions To Be Taken in Storing:		•	away from sources of ignit vell-ventilated area away fro	• •
Other Precautions:	Do not expos	e to temperatures exceed	ling 50 °C/122 °F.	
	8. Exposu	e Controls/Perso	onal Protection	
CAS # Partial Chemic	cal Name	OSHA TWA	ACGIH TWA	Other Limits
100-37-8 2-Diethylamino	ethanol	PEL: 10 ppm	TLV: 2 ppm	No data.
108-91-8 Cyclohexylami		No data.	TLV: 10 ppm	No data.
110-91-8 Morpholine		PEL: 20 ppm	TLV: 20 ppm	No data.



Respiratory Equipment (Specify Type):	Wear a NIOSH/MSHA approved (or equivalent).
Eye Protection:	Wear safey glasses with side shields (or goggles) and a face shield.
Protective Gloves:	Rubber or neoprene gloves
Other Protective Clothing:	Wear approriate protective clothing to minimize contact with skin.
Engineering Controls	Ventilation is normally required when handling or using this product.
(Ventilation etc.):	ventilation is normally required when handling of doing this product.
Environmental Exposure	Ventilation is normally required when handling or using this product to keep exposure to
Controls:	airborne contaminants below the exposure limit.
	9. Physical and Chemical Properties
Physical States:	[]Gas [X]Liquid []Solid
Appearance and Odor:	Appearance: Clear Amber Liquid
Appearance and Odor.	Odor: Amine-like odor
Melting Point:	No data.
Boiling Point:	> 100.00 F (37.8 C)
Autoignition Pt:	No data.
Flash Pt:	> 100.00 F (37.8 C) Method Used: Closed Cup
Explosive Limits:	LEL: No data. UEL: No data.
	- 0.98 - 1.02
Specific Gravity (Water = 1):	- 0.96 - 1.02 No data.
Vapor Pressure (vs. Air or mm Hg):	NU UALA.
Vapor Density (vs. Air = 1):	No data.
Evaporation Rate:	No data.
Solubility in Water:	COMPLETE
•	- 50 - 150
Viscosity:	- 10.5 - 11.5
pH: Democrat Volotilo	
Percent Volatile: VOC / Volume:	N.D.
voc / volume:	
	10. Stability and Reactivity
Reactivity:	Stable. However, may decompose if heated.
Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Ignition sources, Excessive heat.
Incompatibility - Materials To Avoid:	Acidic conditions Oxidizing materials
Hazardous Decomposition O Byproducts:	r Carbon monoxide, Carbon dioxide, Nitrogen Oxide.
Possibility of Hazardous	Will occur [] Will not occur [X]
Reactions:	
Conditions To Avoid - Hazardous Reactions:	Product will not undergo polymerization.



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Toxicologica	al Information:	No data ava	ilable.			
Carcinogeni		NTP? No	IARC Monog	graphs? No O	SHA Regulated?	No
		12	. Ecologic	al Informatio	on	
General Eco nformation:		Not determin	ned.			
		13.	Disposal	Consideratio	ns	
Waste Dispo	osal Method:	a hazardous CFR Parts 2 waste regula	waste. US EP/ 61. Additionally ations to ensure ries: None listed	A guidelines for the , waste generators complete and acc	e classification det must consult stat	d chemical is classified a ermination are listed in 4 te and local hazardous n.
Naste Dispo	osal Method:	D002				
		14	4. Transpo	rt Informatio	n	
DOT Haz UN/NA N	per Shipping Na zard Class: lumber: onary Label:	me: Corrosiv 8 UN2054 DANGE			roup:	m
DOT Haz UN/NA N	ard Class: lumber:	8 UN2054 DANGEI	CORROR	DSIVE Packing G		m
DOT Haz UN/NA N Precauti	zard Class: lumber: onary Label:	8 UN2054 DANGEI	CORRO R R R Regulato	Packing G		m
DOT Haz UN/NA N Precauti	ard Class: lumber:	8 UN2054 DANGEI	CORRO R . Regulato uthorization Act	Packing G		III S. 313 (TRI)
DOT Haz UN/NA N Precauti EPA SARA (S	zard Class: lumber: onary Label: Superfund Amendr	8 UN2054 DANGE CORPOSITE 8 15 ments and Rea nponents (Che	CORRO R . Regulato uthorization Act	Packing G Packing G ry Informatic t of 1986) Lists	on	
DOT Haz UN/NA N Precauti EPA SARA (S CAS #	zard Class: lumber: onary Label: Superfund Amendr Hazardous Con	8 UN2054 DANGEI	CORRO R . Regulato uthorization Act	DSIVE Packing G ry Informatic t of 1986) Lists S. 302 (EHS)	on S, 304 RQ	S. 313 (TRI)
DOT Haz UN/NA N Precauti EPA SARA (S CAS # 100-37-8	zard Class: lumber: onary Label: Superfund Amendr Hazardous Con 2-Diethylaminoe	8 UN2054 DANGEI	CORRO R . Regulato uthorization Act	Packing G Packing G ry Informatic t of 1986) Lists S. 302 (EHS) No	on S, 304 RQ No	S. 313 (TRI) No
DOT Haz UN/NA N Precaution EPA SARA (S CAS # 100-37-8 108-91-8 110-91-8 This materia Hazard Cate for SARA Tit	ard Class: lumber: onary Label: Superfund Amendr Hazardous Con 2-Diethylaminoe Cyclohexylamino Morpholine Il meets the EPA egories' defined the III Sections	8 UN2054 DANGEI 15 15 15 15 15 15 15 15 15 15 15 15 15	CORRO R R R R R R R R R R R R R R R R R	Packing G Packing G ry Informatic t of 1986) Lists S. 302 (EHS) No Yes 10000 LB No No Hediate) Health Haz elayed) Health Haz	S. 304 RQ No No No zard ard	S. 313 (TRI) No No
DOT Haz UN/NA N Precaution EPA SARA (S CAS # 100-37-8 108-91-8 110-91-8 This materia Hazard Cate for SARA Tit 311/312 as in	ard Class: lumber: onary Label: Superfund Amendr Hazardous Con 2-Diethylaminoe Cyclohexylamino Morpholine Il meets the EPA egories' defined the III Sections	8 UN2054 DANGEI 0 15 15 15 15 15 15 15 15 15 15 15 15 15	CORRO R R R R R R R R R R R R R R R R R	Packing G Packing G ry Informatic t of 1986) Lists S. 302 (EHS) No Yes 10000 LB No No Hediate) Health Haz elayed) Health Haz	S, 304 RQ No No No zard ard	S. 313 (TRI) No No
DOT Haz UN/NA N Precaution EPA SARA (S CAS # 100-37-8 108-91-8 110-91-8 This materia Hazard Cate for SARA Tit 311/312 as in	ard Class: lumber: onary Label: Superfund Amendr Hazardous Con 2-Diethylaminoe Cyclohexylamino Morpholine Il meets the EPA egories' defined the III Sections indicated:	8 UN2054 DANGEI 10 15 15 15 15 15 15 15 15 15 15 15 15 15	CORRO R R R R R R R R R R R R R R R R R	Packing G ry Informatic t of 1986) Lists S. 302 (EHS) No Yes 10000 LB No hediate) Health Haz blayed) Health Haz d lease of Pressure azard Other US EPA o	S, 304 RQ No No No zard ard	S. 313 (TRI) No No No
DOT Haz UN/NA N Precaution EPA SARA (S CAS # 100-37-8 108-91-8 110-91-8 This materia Hazard Cate for SARA Tit 311/312 as in CAS # 100-37-8 108-91-8	ard Class: lumber: onary Label: Superfund Amendr Hazardous Con 2-Diethylaminoe Cyclohexylamino Morpholine Il meets the EPA egories' defined the III Sections indicated: Hazardous Con 2-Diethylaminoe Cyclohexylaminoe	8 UN2054 DANGEI 15 15 15 15 15 15 15 15 15 15 15 15 15	CORRO R R R R R R R R R R R R R R R R R	Packing G Packing G ry Informatic tof 1986) Lists S. 302 (EHS) No Yes 10000 LB No rediate) Health Haz elayed) Health Haz elayed) Health Haz d lease of Pressure azard Other US EPA o TSCA: Yes - Inve TSCA: Yes - Inve	S, 304 RQ No No No Zard ard Hazard Hazard r State Lists entory; NY Part 597 entory; NY Part 597	S. 313 (TRI) No No No No
DOT Haz UN/NA N Precaution EPA SARA (S CAS # 100-37-8 108-91-8 110-91-8 This materia Hazard Cate for SARA Tit 311/312 as in CAS # 100-37-8	ard Class: lumber: onary Label: Superfund Amendr Hazardous Con 2-Diethylaminoe Cyclohexylamino Morpholine Il meets the EPA egories' defined the III Sections indicated: Hazardous Con 2-Diethylaminoe	8 UN2054 DANGEI 15 15 15 15 15 15 15 15 15 15 15 15 15	CORRO R R R R R R R R R R R R R R R R R	Packing G Packing G ry Informatic tof 1986) Lists S. 302 (EHS) No Yes 10000 LB No rediate) Health Haz elayed) Health Haz elayed) Health Haz d lease of Pressure azard Other US EPA o TSCA: Yes - Inve TSCA: Yes - Inve	S. 304 RQ No No No Zard ard Hazard Hazard	S. 313 (TRI) No No No No

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16. Other Information

09/17/2014

Revision Date: Additional Information About No data available. This Product:

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