

CIN: U24100MH2003PTC142939

Head Office: 311, A- Wing, Antophill Warehousing Complex,
Salt Pan Road, Wadala East, Mumbai - 400037, India.

Salt Pan Road, Wadala East, Mumbai - 400037, India.

Factory and Customs Bonded Warehouse at Kandla Port : Plot No. 586 & 587

Kandla Special Economic Zone, Gandhidham, India.



Hwatsi Chemical Private Limited urges the customers receiving this Material Safety Data Sheet (MSDS) to study it carefully to become aware of hazards, if any, of the product involved. In theinterest of Safety, you should notify your employee, agent & contractors about the information on this sheet, furnish a copy of each of your customers for the product, and request your customers to inform their employees and customers as well.

		m their en	iployees and customer	s as well.				
1. CHEMICAL	IDENTITY							
Chemical name		Methylene Chloride						
Synonym		Methylene dichloride, Refrigerant-30, Freon-30, R-30, DCM.						
Chemical Formula		CH2Cl2						
Chemical Classification		Organic compound						
Molecular weight		84.93g/mole						
2. COMPOSITION / INFORMATION ON INGREDIENTS								
Name		CAS		% by weight				
Methylene chlorid	Methylene chloride		75-09-2		100			
3. PHYSICAL /	CHEMICAL	L DATA		I				
Boiling Point	39.75°C	2	Vapour Pressure	46.5 kPa (@ 20°C)				
@ 760mm Hg	(103.5°F))						
Melting Point	-96.7°C	Solubility in		Partially soluble in cold water				
	(-142.1°F)		water					
Vapour	2.93 (Air	= 1)	Appearance	Colorless liqu	id			
Density								
-	Specific 1.33(water=		r=1) Odour		Sweet			
Gravity								
pН	Not available		Other	3				
				diethyl ether, n-octanol, acetone.				
Physical State	Liquid							
4. FIRE / EXPL	OSION HAZ	ZARD DA						
Flammability			Combustible at	Flash	NA, but can form			
			high temperature.	Point	flammable vapor- air mixtures			
					above ~100 °C			
Auto ignition tem	nerature		556°C(1032.8°F)	LEL	12%			
Explosion sensitivity to impact			Not applicable.	UEL	19%			
Explosion sensitiv			Not applicable.	022				
Hazardous Combustion products			CO, CO2 and					
Trazardous Comoustion products			Halogenated					
			comp.					
Hazardous Polymerization			Has not been reported.					
Pyrophoric material			No	Corrosive	No			
Organic Peroxide			No	Oxidizer	No			
Explosive material			No	Other	-			
NFPA Rating (estimated)			Health: 2 Flamma	Health: 2 Flammability: 1 Reactivity: 0 Special: 0				



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5. STABILITY & REAC	CTIVITY DATA		
Chemical Stability	Stable under normal temperatures and pressures.		
Incompatibility with	Not available		
other Material	100 available		
Reactivity	Not available		
Hazardous reaction /	Will not occur.		
decomposition products.			
6. HEALTH HAZARD	DATA		
Routes of Entry In	alation, ingestion, eyes and skin.		
Effects of E	: May cause eye irritation. May cause chemical conjunctivitis.		
	kin: May cause irritation and permeator.		
-	Ingestion: May cause gastrointestinal irritation with nausea, vomiting		
	nd diarrhea. The toxicological properties of this substance have not been		
	ully investigated. Ingestion of large amounts may cause CNS depression.		
	nhalation: The toxicological properties of this substance have not been		
fi	ully investigated. Aspiration may lead to pulmonary edema. Vapors may		
c	ause dizziness or suffocation. May cause burning sensation in the chest.		
C	Chronic: Effects may be delayed can produce target organ damage.		
7. TOXICOLOGICAL I	NFORMATION		
LD 50 / LC 50	Acute oral 1600 mg/kg (Rat) / Acute vapor 52000 1hour (rat)		
Permissible Exposure Lin	mit OSHA 500 ppm / 1740mg/m3		
Ordor Threshold	214 ppm		
8. ECOLOGICAL INFO	DRMATION		
Ecotoxicity: Not available			
BOD5 and COD: Not ava			
	SURES / EXPOSURE CONTROL / PERSONAL PROTECTION		
Engineering Control	Facilities storing or utilizing this material should be equipped		
	with an eyewash facility and a safety shower. Use adequate		
	general or local explosion-proof ventilation to keep airborne		
	levels to acceptable levels.		
Personal Protective	Eyes: Wear appropriate protective eyeglasses or chemical		
Equipment	safety goggles as described by OSHA's eye and face		
	protection regulations in 29 CFR 1910.133 or European		
	Standard EN166.		
	Skin: Wear appropriate protective gloves to prevent skin		
	exposure.		
	Clothing: Wear appropriate protective clothing to prevent		
	skin exposure.		
	Respirators: A respiratory protection program that meets		
	OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or		
	European Standard EN 149 must be followed whenever		
	workplace conditions warrant respirator use.		
10. HANDLING & STO	ROGE		



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Normal handling		Store in a cool, dry well ventilated area. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.				
Storage Recommend	Storage Recommendation		Keep away from heat, sparks, and flame. Keep away from			
		sources of ignition. Store in a tightly closed container. Storein a cool, dry, well-ventilated area away from incompatible substances.				
11. EMERGENCY	/ FIRST AI	D MEAS	URES			
Fire	Fire		Small Fire: Use dry chemical powder. Large			
	Exting	uishing	Fire: Use water spray, fog or foam. Do not use			
	Mediu	m	water jet.			
			Container may be explode in fire.			
Exposure / First Aid Measure	Skin		Flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical aid.			
	Eyes		Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.			
	Ingesti	on	Do not induce vomiting. Get medical aid immediately. Never give anything by mouth to an unconscious person			
	Inhalat	ion	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aidof a pocket mask equipped with a one-way valve or other proper respiratory medical device.			
Special Procedure	Treat s	ymptomat	tically and supportively.			
Antidotes	Not av		nilable			
12. ACCIDENTAL						
Spills/Leaks			ert material (e.g. sand or earth), then place in suitable			
		waste container. Do not absorb in saw dust or other combustible. Remove				
all sources of ignition. Dilute with plenty of water and drain into sewer.						
	13. DISPOSAL CONSIDERATIONS					
Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFRParts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.						
14. TRASPORT IN			• • • • • • • • • • • • • • • • • • •			
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Proper shipping Name	Dichloromethane
Hazard Class	6.1 Poisonous material
UN Number	1593
Packing Group	III
Hazard Label	POISON 6

15. REGULATORY INFORMATION

European/International Regulations

European Labeling in Accordance with EC Directives

Risk Phrases:

R22- Harmful if swallowed. R41- Risk of serious damage to eyes.

R38- Irritating to skin. R45- May cause cancer.

Safety Phrases:

S3- Keep in a cool place.

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

water and seek medical advice.

S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.

S45- In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

16. MANUFACTURERS / SUPPLIERS DATA

Name of the firm	L	Contact Person in Emergency:
Mailing Address	Plot No. 586, Kandla Special Econmic Zone, Gandidham 320730	l
Telephone Nos.	+91 9167110151	

DISCLAIMER

MSDS creation date: 19/10/2018

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