

# **SAFETY DATA SHEET**

# 1. PRODUCT AND COMPANY IDENTIFICATION

1.1	Trade Name	ZINCLITE	
1.2	Use of substance	Anti-Corrosive Shiny Coating	
1.3	Manufacturer/Supplier	ITW Chemin, ITW INDIA PRIVATE LIMITED	
	Address	Plot No: 34-37, Phase- 2, IDA, TSIIC, Pashammylaram, Sangareddy Dist- 502307, INDIA	
	Phone Number	+91 8455 224700/01	
	Fax Number	+91 8455 224705	
1.4	Emergency Cell Number	+919100012393	
	E-Mail	<u>chemininfo@itwchemin.com</u>	
	Website	www.itwchemin.com	
2. H/	2. HAZARD IDENTIFICATION		

#### GHS Label elements:

#### Hazard statements:

H226: Flammable liquid and vapor H315: Causes skin irritation H401: Toxic to aquatic life.

#### Hazard pictograms:

GHS02: Flame GHS07: Exclamation mark GHS09: Environment



Signal words: Warning

#### **Precautionary statements:**

P102: Keep out of reach of children
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
P410 + 412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
P285: In case of inadequate ventilation wear respiratory protection.
P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.
P304 & 340: IF INHALED: Remove person to fresh air and keep comfortable for breathing unwell.

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## **3. COMPOSITION/INFORMATION ON THE COMPONENTS**

### No Hazardous components as per OSHA'S HAZARD COMMUNICATION STANDARD 29CFR 1910.1200

Component Name	CAS#	Concentration
Zinc dust	7440-66-6	10-15%
Xylene	1330-20-7	20-25%
Ethyl Acetate	141-78-6	40-50%
Propellant	68476-85-7	20 – 30%

# 4. FIRST AID MEASURES

## 4.1: First aid measures 4.2:Symptoms

	Eye contact	Rinse carefully under upper and lower eyelids using plenty of water for at least 10 min	May irritating, but does not damage eye tissue.
	Skin contact	Remove contaminated clothing. Wash exposed areas with soap and water	Can irritate. Prolonged contact can cause redness, swelling and cracking of skin.
	Ingestion	Do not induce vomiting. Accidental ingestion of a single mouthful is not expected to cause significant harm. Rinse mouth with water.	May be irritation of throat
	Inhalation	Remove to fresh air if dizzy or nauseated. In case of loss of consciousness, give artificial respiration.	Vapors may cause dizziness and nausea.
		5. FIRE FIGHTING MEASURES	
5.1	Extinguishing Media	Carbon Dioxide, foam, water, dry chemicals	
5.2	Specific hazards arising from the chemical	Ignition will occur if used near flames, arcs or any other ignition	source.
5.3	Advice for fire-fighters	Full protective clothing and self-containing breathing apparatus	
5.4	Unsuitable Extinguishing Media	NA	
6. A0	6. ACCIDENTAL RELEASE MEASURES		
6.1	Personal Precautions	Personal Protection Equipment must be worn. See Section 8.	
6.2	Environmental Precautions	NA	

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6.3	Methods and material for containment and cleaning up	Prevent product from entering drains \surface water\ground water. Remove sources of ignition. Mop up or sweep up with absorbent (For disposal, see Section 13)
7. H/	ANDLING AND STO	RAGE
7.1	Handling	Ensure good ventilation. Do not put on a naked flame or any incandescent material. Do not pressurize, cut, heat or weld containers (empty product containers may contain product residue) Do not handle, store or open near an open flame, sources of heat or sources of ignition. Do not smoke.
7.2	Storage	Avoid proximity or contact with hot surfaces, flames or sparks. Store in dry, cool and well ventilated area. Keep container tightly closed. Protect from sunlight and do not expose to temperature exceeding 50 <sup>o</sup> C. Keep away from heat. Keep away from all sources of ignition. Avoid breathing vapors. Avoid eye contact. Avoid repeated or prolonged skin contact.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters	DNEL / PNEC No data available.
8.2	Engineering Control Measures	When using, do not eat, drink or smoke.
8.3	Individual protection measures, such as personal protective equipment	Should wear requisite PPE.
	Respiratory Protection	Ensure good ventilation. High vapor concentration: gas mask, filter A. In case of insufficient ventilation wear suitable respiration equipment.
	Hand Protection	Handle according to good industrial hygiene and safety procedures. Appropriate protective clothing and gloves. Wear nitrile rubber gloves if hand exposure is unavoidable.
	Eye Protection	Wear safety glasses to protect eyes.
	Body Protection	Normal work wear.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.).	Grey color liquid
Odor	Solvent
Viscosity	NA
рН	Not applicable
Melting Point/Freezing point	NA

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	initial boiling point and boiling range.	>90°C
	Flash point.	- 4ºC
	evaporation rate.	Not Applicable
	flammability (solid, gas).	Not established
	upper/lower flammability or explosive limits.	Not Applicable
	vapor pressure.	Not Applicable
	vapor density.	NA
	relative density.	970 kg/M3
	solubility(ies).	Not miscible in water
	Partition coefficient: n- octanol/water.	Not established
	Auto ignition temperature.	Not established
	Decomposition temperature.	Not established
	NOTE:	The above data are typical values and cannot be inferred as specifications
10. S	TABILITY AND REA	ACTIVITY
10.1	Reactivity	None Known
10.2	Chemical stability	Stable under normal condition
10.3	Possibility of Hazardous reaction	None
10.4	Condition to avoid	Temperatures above 50ºC Avoid proximity or contact with flames or sparks Strong oxidizing agents, strong acids
10.5	Incompatible material	None known

Hazardous 10.6 **Decomposition Products** 

11.1

Carbon di oxide, Carbon monoxide ,Aldehydes and Ketones

## **11. TOXICOLOGICAL INFORMATION**

Refer to section 4 of SDS for routes of exposure and corresponding symptoms

## **12. ECOLOGICAL INFORMATION**

Routes of exposure

12.1	Eco toxicity	Expected to be toxic to aquatic organisms.	
12.2	persistence and degradability	The product is expected to be partially or slowly biodegradable.	
12.3	Bio accumulative potential	Expected to be toxic to aquatic organisms.	
12.4	Mobility in soil.	Should be kept out of sewage and drainage systems, and all bodies of water	
12.5	Other adverse effects		
13. D	13. DISPOSAL		
13.1	Product Disposal	This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers.	

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Dispose of in a safe manner ,in accordance with local regulations



Dispose of in a safe manner ,in accordance with local regulations. Empty before disposal. Non-hazardous waste as per classification in The Hazardous Wastes (Management and Handling) Rules 1989, of CPB, India

Handling) Rules 1989, of CPB, India **14. TRANSPORT INFORMATION** 14.1 **UN number** 1263 UN proper shipping 14.2 Paint name Land Transport UNDG: Dangerous Goods Class: 2.1 Sub risk: None UN Number: 1950 Packing Group: None Air Transport IATA: ICAO/IATA ICAO/IATA Class: Sub risk: None 2.1 **UN/ID Number:** 1950 Packing Group:203 ERG Code: 10L Flammable Transport hazard 14.3 class(es) Maritime Transport IMDG: IMDG Sub risk: SP63 IMDG Class: 2 UN Number: 1950 Packing Group: None Marine Pollutant: Not Determined EMS Number: F-D, S-U Shipping Name: -ADR/RID; LQ2 Class: 2,5F Packing group None 14.4 Environmentally Hazard : No 14.5 **Environmental hazards** Marine Pollunt : No Special precautions for 14.6 user **15. REGULATORY INFORMATION Highly Flammable** Safety, health and environmental regulations/legislation specific Irritant: Xi 15.1 for the substance or mixture Dangerous for Environment: N **Chemical Safety** 15.2 None Assessment The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which Note

complete these regulations. Refer to all applicable national and local regulations or provisions.

16. OTHER INFORMATION		
Product Use	For industrial use only. Anti-Corrosive Coating	
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Legal disclaimer	The above information is believed to be correct but does not purport to be all-inclusive and shall be only used as guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.	

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**Container Disposal** 

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