



MATERIAL SAFETY DATA SHEET

No.: CZ11 L-03
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COMPANY DETAILS

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NOTE: The Chemtrec Transportation Emergency Phone is to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

1. PRODUCT AND COMPANY IDENTIFICATION:

Cefic TEC (R) - 30GF1 - III

Trade Name: Carbozinc 11 ZA Liquid

Chemical Family: Ethyl Silicate Solution

Chemical Name:

Synonyms: Inorganic Zinc Liquid Component

Class: 3

PG: III

HI No: 30

UN No: 1263

2. COMPOSITION:

Hazardous components: Flammable Solvents

EEC Classification:

R Phrases:

3. HAZARDOUS IDENTIFICATION:

Main hazard: Volatile Organic Solvents

Flammability: Flammable

Chemical Hazard:

Reproductive hazard: Not Determined

Eye effect : eyes: Irritant

Health effects - skin: Irritant

Health effects – ingestion: Harmful

Health effects – inhalation: Vapours can cause dizziness, headaches and nausea

Neurotoxicity: Solvents - Can effect brain and nervous system

4. FIRST AID MEASURES:

Product in eye: Flush with large amounts of water. Consult a physician.

Product on skin: Wash affected area with soap and water. Consult a physician if irritation persists.

Product ingested: Do not induce vomiting. Get medical attention.

Product inhaled: Remove to fresh air. Restore breathing. Get medical attention.

5. FIRE FIGHTING MEASURES:

Extinguishing media: Dry Chemical, Foam, Carbon Dioxide, Water Fog.

Special hazards: Vapours are heavier than air and will accumulate forming explosive concentrations.

Protective clothing: Self contained breathing apparatus and complete body protection.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Appropriate PPE and equipment.

Environmental precautions: Contain all spills.

Small spills: Soak with absorbent, dispose of in accordance with local regulations.

Large spills: Contain spill, soak with absorbent, dispose of in accordance with local regulations.

7. HANDLING AND STORAGE:

Suitable material: Stable under normal conditions.

Handling / Storage precautions: Away from heat.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION:	
Occupational Exposure Limits:	Not Determined
Engineering Control measures:	Ensure adequate ventilation
Personal Protection-respiratory:	Approved respirator in confined spaces
Personal Protection-hand:	Impervious gloves
Personal Protection-eye:	Chemical goggles
Personal Protection-skin:	Protective clothing
Other Protection:	Protective creams for skin
9. PHYSICAL AND CHEMICAL PROPERTIES:	
Appearance:	Viscous, Gel-Like Liquid
Odour:	Organic Solvent Vapour
Flash Point:	13°C
Flammability:	Flammable
Explosive Properties:	Store away from heat, ignition source
Oxidising Properties:	Not Applicable
Density:	1.100kg / Litre
Solubility - water:	Insoluble
Solubility - solvent:	Soluble
10. STABILITY AND REACTIVITY:	
Conditions to avoid:	Sources of heat
Incompatible materials:	Strong oxidising agents
Hazardous decomposition Products:	Carbon monoxide, nitrogen oxides, and unidentified organic compounds
11. TOXICOLOGICAL INFORMATION:	
Acute toxicity :	Avoid inhalation and ingestion
Skin and eye contact:	Irritant
12. ECOLOGICAL INFORMATION:	
Aquatic toxicity - fish:	Toxic in large quantities
Aquatic toxicity - daphnia:	Toxic in large quantities
Aquatic toxicity - algae:	Toxic in large quantities
Biodegradability :	Not readily biodegradable
Mobility :	Not miscible with water
13. DISPOSAL CONSIDERATIONS:	
Disposal methods :	In accordance with local regulations.
Disposal of packaging :	In accordance with local regulations.
14. TRANSPORT INFORMATION:	
UN No. :	1263
Substance identity No. :	
Tremcard No.:	
15. REGULATORY INFORMATION:	
EEC hazard classification :	None
16. OTHER INFORMATION:	
One Part of a Two Component Product	

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