



# SAFETY DATA SHEET

## I. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : CMI WaterGuard 390  
MAIN USE : Water repellent coating for stones and etc.  
COMPANY : CMI Construction Material Industry Sdn. Bhd.  
7, Jalan Sungai Jerluh 32/196,  
Bukit Kemuning, Seksyen 32,  
40460 Shah Alam,  
Selangor Darul Ehsan,  
Malaysia.  
TELEPHONE : +603 51319325/9425  
FAX : +603 51318325

## II. COMPOSITION / INFORMATION ON INGREDIENTS

<u>MATERIALS</u>	<u>PROPORTION</u>	<u>CAS NO.</u>
Aliphatic petroleum naptha	>85%	
Additive	<15%	

## III. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW:

Flammable.  
Harmful if inhaled or swallowed.  
May cause moderate skin irritation and severe eye irritation.  
Excessive inhalation causes drowsiness and dizziness.

### POTENTIAL HEALTH EFFECTS:

Eye : Severe irritation, redness  
Skin : Moderate irritation, drying of skin  
Inhalation : Drowsiness and dizziness  
Ingestion : Nausea and stomach pain may occur. There may be vomiting. May cause lung damage over long term exposure.

## IV. FIRST AID MEASURES

Eye contact : Immediately flush eye with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.  
Skin contact : Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse.  
Inhalation : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.  
Ingestion : Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration. Seek medical advice immediately.



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### V. FIRE FIGHTING MEASURES

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Suitable extinguishing media: Water fog or fine spray, carbon dioxide, dry chemical, foam

Exposure hazards: Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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### VI. ACCIDENTAL RELEASE MEASURES

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Personal precautions: Refer to Section VIII of MSDS for personal protection details. Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using sufficient appropriate absorbent material.

Clean-up procedures: Transfer to a closable, labeled salvage container for disposal by an appropriate method.

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### VII. HANDLING AND STORAGE

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Handling : Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Use non-sparking tools.

Storage : Keep away from heat, sparks and flame. Keep away from sources of ignition. Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from compatible substances.

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### VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Workplace exposure limits, WEL (8 hr exposure limit):** 100ppm

**Engineering measures** : Ensure there is sufficient ventilation of the area.

**Respiratory protection** : If Workplace Exposure Limit(s) listed above are exceeded, respiratory protection may be required.

**Hand protection** : Protective gloves.

**Eye protection** : Wear safety glasses or goggles if risk of splashing.

**Skin protection** : Protective overalls.



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### IX. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	: Clear to slightly yellowish liquid	Explosion limits	: Lower 0.6% Upper 8.0%
Odour	: Kerosene-like odour		
Boiling temperature	: 150°C		
Flash point	: 38°C		
Vapour pressure	: 4 mmHg at 25°C		
Specific gravity	: 0.80 ± 0.02		
Solubility in water	: Insoluble		

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### X. STABILITY AND REACTIVITY

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**Stability** : Stable under normal conditions.  
**Conditions to avoid** : Sparks. Naked flames. Heat.  
**Incompatible materials** : Strong oxidizing agents.

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### XI. TOXICOLOGICAL INFORMATION

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**Routes of exposure:** Exposure to high levels of vapour may cause drowsiness, dizziness, nausea, headaches, vomiting. Prolonged contact with skin may cause irritation leading to dermatitis in extreme cases. May cause eye irritation.

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### XII. ECOLOGICAL INFORMATION

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**Mobility** : Floats on water.  
**Persistence and degradability** : Inherently biodegradable.  
**Bioaccumulative potential** : Bioaccumulation potential.

**Note:** Do not introduce into waters, sewage or soil.

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### XIII. DISPOSAL CONSIDERATIONS

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Products should not be discharged directly into drains or waterways without treatment. Disposal of product and containers should always comply with local and national regulations. The container for this product can present explosion or fire hazards, even when emptied. To avoid risk of injury, do not cut, puncture or weld on or near this container. Since the emptied containers retain product residue, follow label warnings even after container is emptied.

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### XIV. TRANSPORT INFORMATION

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Proper Shipping Name : Flammable liquid, n.o.s.  
Hazard Class : 3  
UN Number : UN 3295  
Packing Group : III

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### XV. REGULATORY INFORMATION

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**Hazard symbols :** Harmful.  
Dangerous for the environment.



**Risk phrases :** R10: Flammable.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65: Harmful: may cause lung damage if swallowed.  
R66: Repeated exposure may cause skin dryness or cracking.  
R67: Vapours may cause drowsiness and dizziness.

**Safety phrases :** S2: Keep out of the reach of children.  
S23: Do not breathe vapour/spray.  
S24/25: Avoid contact with skin and eyes.  
S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.  
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**Note:** The regulatory information given above only indicates the principal 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 complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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### XVI. OTHER INFORMATION

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Date of preparation: 28<sup>th</sup> March 2019

Always use in accordance with manufacturer's directions.  
This material safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

The information given here is to the best of our knowledge true and accurate and is provided solely for making safety assessments. It is not a sales specification or an indication of suitability for a particular use. Recipients of our product must take responsibility for observing existing laws and regulations.