

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name	CHEMLINQ™ MCL-C12
Applications:	Melamine Cleaning for Mold Maintenance
Advised Against	No further relevant information available
Supplier Name	Capling Europe BV

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SECTION 2. HAZARDS IDENTIFICATION

HAZARD CLASS

Eye Irritation
Skin Sensitization
Sensitization, Respiratory
Hazardous to the aquatic environment, long-term hazard

HAZARD CATEGORY

Category 2
Category 1B
Category 1
Category 4

HAZARD PICTOGRAMS:



SIGNAL WORD:

Danger

HAZARD STATEMENT:

H319	Causes eye irritation
H317	May cause an allergic skin reaction
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H413	May cause long lasting harmful effects to aquatic life

PRECAUTIONARY STATEMENTS

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection
P264	Wash hands thoroughly after handling.
P302+P352	IF ON SKIN: wash with plenty of water
P333+P313	IF SKIN irritation or rash occurs: Get medical advice/attention.
P305+P354+P338	IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	IF eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use water spray, dry chemical, and carbon dioxide to extinguish.
P403	Store in a well-ventilated place.
P410	Protect from sunlight.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3. INGREDIENT COMPOSITION

No.	Components	CAS Reg. No.	Proportion (%)
1	Hardener	85-44-9	0.5-2%
2	Melamine Resin	9003-08-1	50-70%
3	Silica	60676-86-0	10-30%

SECTION 4. FIRST AID MEASURES

EYE CONTACT:

- Immediately flush with plenty of water for at least 15 min while holding eyelids apart.
- Get medical attention.

SKIN CONTACT:

- Immediately flush with plenty of soap and water for at least 15 min.

INHALATION:

- Move victim to fresh air.
- Administer oxygen if breathing is difficult.
- Get medical attention.

INGESTION:

- Do not administer anything orally if the patient is on the verge of losing consciousness, already unconscious, or experiencing convulsions.
- Do not induce vomiting.
- Get medical attention immediately.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

- Water spray, dry chemical, carbon dioxide or alcohol form.

EXPOSURE HAZARDS

- By thermal decomposition or combustion, water, ammonia, NO_x, carbon monoxide and carbon dioxide may be generated.
- Treat as hydrocarbon fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION

- Wear protective equipment. Keep unprotected persons away.

ENVIRONMENTAL PRECAUTION

- Prevent contamination of soil, drains, and surface of waters.

METHODS OF CLEANING

- Waste materials using a broom or cleaning machine not to raise dust.
- Dispose of the material collected according to regulations.

SECTION 7. HANDLING AND STORAGE

HANDLING

- Prevention of dust development and deposition. Risk of dust explosion. Take measures to prevent electrostatic discharge
- Provide local ventilations and a full ventilation system.
- Avoid contact with eyes, skin and clothing

STORAGE

- Keep the products in a cool, well ventilated place.
- Avoid sunlight
- Avoid contact with strong acid and alkali

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Technical Protective Measures: The use of local exhaust ventilation is recommended to control emissions of dust.

Respiratory Protection: Avoid inhalation of dust

*In case of inadequate local exhaust ventilation, wear P1, P2 or P3 type particle filter mask

Hand Protection: Protective Gloves

Eye Protection: Safety glasses

Skin Protection: Protective work clothing

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid tablet
Color:	White
Odor:	No data available
pH:	8-10
Boiling point:	No data available
Boiling range:	No data available
Fusing point:	No data available
Decomposition Temperature:	No data available
Flash Point:	No data available
Auto ignition temperature:	No data available
Explosion properties:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	1.1~1.6 g/cm ³
Solubility:	No data available

SECTION 10. STABILITY & REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures but decomposition may happen at high temperature above 350°C

Conditions To Avoid: Sun light, heat, spark, and any igniting source.

Materials to avoid: Strong acids and alkali

Decomposition Products: Water, ammonia, NO_x, Carbon monoxide, carbon dioxide

Hazardous Polymerization: No data available

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Dermal:	No data available
Acute Inhalation :	No data available
Sensitization:	No data available
Eye Irritation:	No data available
Mutagenicity:	No data available
Other:	No data available

SECTION 12. ECOLOGICAL INFORMATION

Mobility:	No data available
Bioaccumulation:	Hardener - 85.2% (BOD) Silica - BCF = 3.162
Biodegradability:	Hardener - log Kow = 1.6 Silica - log Kow = 0.53
Aquatic Toxicity:	Hardener - Algae: EC50 68mg/L/72hr, Selenastrum Silica - Fish: LC50 5000mg/L/96hr, Brachydanio rerio Silica - Invertebrate: EC50 7600mg/L/48hr, Ceriodaphnia dubia Silica - Algae: EC50 440mg/L/72hr, Pseudokirchneriella subcapitata
Environmental Toxicity:	No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of waste needs to be carried out at the city, state, or federally permitted disposal facility. Handle in accordance with applicable regulations and/or local authorities.

SECTION 14. TRANSPORT INFORMATION

UN number ADR/RID: 2214	IMDG: 2214	IATA: 2214
UN proper shipping name ADR/RID: PHTHALIC ANHYDRIDE	IMDG: PHTHALIC ANHYDRIDE	IATA: Phthalic anhydride
Transport hazard class(es) ADR/RID: 8	IMDG: 8	IATA: 8
Packaging group ADR/RID: III	IMDG: III	IATA: III
Environmental hazards ADR/RID: no	IMDG Marine pollutant: no	IATA: no
Special precautions:	EmS FIRE SCHEDULE: F-A EmS SPILLAGE SCHEDULE: S-I	

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

GB 6944-2005:	Classification and Code of Dangerous Goods
GB/T 16483-2008:	Safety Data Sheet for Chemical Products-Contents and Order of Sections.
GB 13690-2009:	General Rule for Classification and Hazard Communication of Chemicals
GB 12268-2005:	List of Dangerous Goods
GBZ 2.1-2007:	Occupational Exposure Limits for Hazardous Agents in The Workplace
List of National Hazardous Wastes (CHINA)	

SECTION 16. OTHER INFORMATION

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