

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name	CHEMLINQ™ MCL-T27
Applications:	Melamine Cleaning for Mold Maintenance
Advised Against	No further relevant information available
Supplier Name	Caplinq Europe BV

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SECTION 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE/MIXTURE

Classification according to Regulation (EC) No 1272/2008

HAZARD CLASS

Skin corrosion/irritation
Skin sensitisation
Respiratory sensitisation
Hazardous to the aquatic environment, long-term hazard

HAZARD CATEGORY

Category 2
Category 1B
Category 1
Category 4

LABEL ELEMENTS

Labeling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

HAZARD PICTOGRAMS:



SIGNAL WORD: Danger

HAZARD STATEMENT:

H315	Causes skin 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

Prevention Precautionary Statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection

Response Precautionary Statements

P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P332+P313	If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

Storage Precautionary Statements

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal Precautionary Statements

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

OTHER HAZARDS

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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 ventilation 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 acids 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

INFORMATION ON HAZARD CLASSES AS DEFINED (EC) No 1272/2008

Acute Toxicity (Oral)	Not classified, based on available data
Acute Toxicity (Dermal)	Not classified, based on available data
Acute Toxicity (Inhalation)	Not classified, based on available data
Skin corrosion/irritation	May cause skin irritation
Serious eye damage/irritation	Not classified, based on available data
Respiratory or skin sensitisation	May cause an allergic skin reaction May cause allergy or asthma symptoms or breathing difficulties if inhaled
Germ cell mutagenicity	Not classified, based on available data
Carcinogenicity	May cause cancer
Reproductive Toxicity	May damage fertility
Specific Target Organ Toxicity (Single and Repeated Exposure)	Not classified, based on available data Not classified, based on available data
Aspiration hazard	Not classified, based on available data

INFORMATION ON OTHER HAZARDS

Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties	The product is not included in the list established in accordance with Article 57(f) of REACH for having endocrine disrupting properties, or is not identified as having endocrine-disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Potential adverse human health effects and symptoms	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

Following guidelines from the United Nations Model Recommendations on the Transport of Dangerous Goods (TDG) and the International Maritime Dangerous Goods Code, this product is not classified as dangerous goods.

UN NUMBER OR ID NUMBER

ADR/RID/ADN, IMDG, IATA Not applicable

PROPER SHIPPING NAME

Not applicable

ADR/RID/ADN Not applicable

IMDG Not applicable

IATA Not applicable

TRANSPORT HAZARD CLASS

Hazard Class Not applicable

Label Not applicable

PACKING GROUP

ADR/RID/ADN, IMDG, IATA Not applicable

ENVIRONMENTAL HAZARDS

Marine pollutant Not applicable

Special marking (ADR/RID/ADN) Not applicable

Special marking (IATA) Not applicable

SPECIAL PRECAUTIONS FOR USER

Hazard identification number (Kemler code) Not applicable

EMS Number Not applicable

Stowage Category Not applicable

- Ensure the container is leak-proof.
- During transport, prevent falling, tipping, collisions, and exposure to direct sunlight.
- Pack and transport in a sealed container.
- Transportation must adhere to applicable national and international regulations.

Special precautions:

EmS FIRE SCHEDULE: F-A

EmS SPILLAGE SCHEDULE: S-I

MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS

Product is not carried in bulk under MARPOL Annex I/II or the IBC Code.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized safety officer. It is the

SECTION 15. REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Regulation (EC) No. 1907/2006 (REACH) – Annex XVII (Restriction):

This substance/mixture does not contain any substances subject to restrictions under Annex XVII.

Regulation (EC) 1907/2006 (REACH) – Annex XIV (Authorisation):

This substance/mixture does not contain any substances subject to authorization under Annex XIV.

Regulation (EC) No. 1907/2006 (REACH) – Candidate List of Substances of Very High Concern (SVHC):

This product/mixture contains ≥ 0.1 % w/w hexahydro-4-methylphthalic anhydride (HHMPA; EC 247-094-1) – respiratory sensitiser, entry 19 Dec 2012, Candidate List of SVHCs established under REACH Article 59.

Regulation (EC) No. 1272/2008 (CLP):

Classification, labeling, and packaging of substances and mixtures comply with CLP requirements.

Directive 2012/18/EU (Seveso III Directive) – Annex I:

This substance/mixture is not classified as a named dangerous substance under the Seveso III Directive.

Directive 2011/65/EU (RoHS Directive) – Annex II:

The substance is not listed as a restricted material under the RoHS Directive.

National Regulations:

Observe national and local worker-protection and environmental release rules

CHEMICAL SAFETY ASSESSMENT

No chemical-safety assessment has been carried out for this mixture.

Other Regulatory Information

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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