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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name OPTOLINQ™ OLS-1000LV Part B
Applications: Liquid anhydride curing agent
Advised Against No further relevant information available
Supplier Name Caplinq Europe BV

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SECTION 2. HAZARDS IDENTIFICATION

HAZARD CLASS

Respiratory sensitization
 Skin sensitization
 Serious eye damage
 Acute toxicity, oral

HAZARD CATEGORY

Category 1
 Category 1
 Category 1
 Category 4

HAZARD PICTOGRAM



SIGNAL WORD

Danger

HAZARD STATEMENTS

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
 H317 May cause an allergic skin reaction
 H318 Causes serious eye damage
 H302 Harmful if swallowed

PREVENTION PRECAUTIONARY STATEMENTS

P261 Avoid inhaling dust, fumes, gasses, mists, vapors, or sprays.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 P284 Wear respiratory protection.

RESPONSE PRECAUTIONARY STATEMENTS

P362 Take off contaminated clothing.
 P363 Wash contaminated clothing before reuse.
 P332+P313 If skin irritation occurs, seek medical attention.
 P333+P313 If skin irritation or rash occurs, seek medical attention.
 P337+P313 If eye irritation persists, seek medical attention.
 P305+P351+P338 If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P302+P352 If on skin, wash with plenty of water.

DISPOSAL PRECAUTIONARY STATEMENTS

P501

Dispose of contents or container to approved waste disposal.

SECTION 3. INGREDIENT COMPOSITION

No.	Components	CAS Reg. No.	Proportion (%)
1	Anhydride curing agent	19438-60-9*	90–99.9
2	Accelerator	90-72-2	0.1–9
3	Additive	51852-81-4	0.1–1

*Included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH)

SECTION 4. FIRST AID MEASURES

EYE CONTACT

- Rinse the contaminated eye with water for 20 minutes or until the contamination is completely removed. Ensure that water does not enter unaffected eyes during the rinsing process.
- Seek immediate medical attention.

SKIN CONTACT

- Rinse the affected area gently with warm water for 5 minutes or until the contamination is completely removed.

INHALATION

- Move victim to fresh air.
- If the victim experiences any discomfort, seek immediate medical attention.

INGESTION:

- If swallowed, seek immediate medical help and follow the doctor's advice on whether to induce vomiting.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

- Chemical dry powder, fire sand, carbon dioxide, or foam fire extinguisher.

COMBUSTION PRODUCTS

Carbon dioxide, carbon monoxide, and other toxic gasses

PARTICULAR HAZARDS

Contact with amine substances can initiate polymerization reactions, which generate heat and cause temperature increase.

FIRE EXTINGUISHING PRECAUTIONS

Evacuate and isolate the fire area. Unauthorized personnel must not enter the site. Wear specialized protective gear during fire rescue operations. Transfer the product to a secure location. Maintain a safe distance when extinguishing fire. Using water mist may not effectively extinguish the fire. After extinguishing the fire and confirming no risk of reignition, use water spray to cool both the fire scene and the product container.

FIRE FIGHTING PROTECTIVE EQUIPMENT

Firefighters should wear firefighting attire, protective gloves, safety goggles, protective footwear, and self-contained respiratory gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

LEAK/SPILL

- In case of a leakage, avoid contamination of waterways, drinking water sources, surface water, and soil.
- Contain any leaked chemicals. For small spills, use sand to isolate and surround them. Absorb and dispose of with sand, cloth, or other absorbent materials. Use labeled cleanup methods and disposal materials for collection. For large spills, contact the fire brigade, emergency response units, and suppliers for assistance.
- Report as per regulatory requirements.

SECTION 7. HANDLING AND STORAGE

HANDLING

- Ensure the availability of suitable protective and ventilation equipment.
- Minimize skin and eye exposure, and prevent inhalation of vapors. Do not stay in contact for an extended period.

STORAGE

- Store away from direct sunlight, heat, power sources, fire, and other heat-emitting devices. Keep in a dry, cool, well-ventilated area, and ensure the container remains tightly sealed.
- Storage class (TRGS 510): 10: Combustible liquids

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS

No.	Components	Standards*	Reference
1	Anhydride curing agent	Not Established	OSHA ¹ , ACGIH ²
2	Accelerator	Not Established	OSHA, ACGIH
3	Additive	Not Established	OSHA, ACGIH

¹Occupational Safety and Health Administration (OSHA) 8-hour total weight average (TWA) permissible exposure limit (PEL)

²American Conference of Governmental Industrial Hygienists (ACGIH) 8-hour total weight average (TWA) threshold limit value (TLV)

PERSONAL PROTECTION

- Respiratory Protection: Required when vapours/aerosols are generated. Recommended Filter type: ABEK
- Eye/Skin Protection: Chemical safety splash goggles, eyewash equipment, and protective, impermeable gloves (general rubber or lined) are recommended. Wear protective clothing and closed shoes when handling the product. Ensure access to eye wash stations and emergency showers.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless transparent liquid
Odor	Not Applicable
pH	Not Applicable
Boiling Point	Not Available
Flash Point	Not Available
Vapor Pressure at 20 °C	Not Applicable
Vapor Density	Not Available
Evaporation Rate	Not Available

SECTION 10. STABILITY & REACTIVITY

Chemical Stability and Reactivity	Stable and non-reactive under ordinary conditions of use and storage.
Materials and Conditions to Avoid	None under recommended storage and handling conditions (see Section 7)
Hazardous Polymerization	Product does not react spontaneously. However, when it contacts amines, it triggers a polymerization reaction, generating significant heat and causing a rise in temperature.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity (Oral)	No data available
Acute Toxicity (Dermal)	No data available
Acute Toxicity (Inhalation)	No data available
Skin corrosion/irritation	May cause skin irritation
Serious eye damage/irritation	May cause eye irritation
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive Toxicity	No data available
Specific Target Organ Toxicity (Single and Repeated Exposure)	No data available
Aspiration hazard	No data available

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.
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Potential adverse human health effects and symptoms	No data available
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SECTION 12. ECOLOGICAL INFORMATION

Ecological Toxicity	Prevent from spreading or entering into drains, surface water, groundwater and rivers
Hazardous to the aquatic environment, short term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified
Mobility in soil	No information found
Bioaccumulation	No significant bioaccumulation potential
Persistence and biodegradability	Anhydride curing agents are not easily biodegradable but can degrade over time under appropriate environmental conditions.
PBT and vPvB assessment	This substance/mixture does not meet the PBT criteria of REACH

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. Do not pour into sewers or surface water, and avoid random disposal. Dispose of all containers or absorbents containing resin as hazardous waste.

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.

TRANSPORTATION PRECAUTIONS

- 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.

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 responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

SECTION 15. REGULATORY INFORMATION

AUTHORISATIONS AND/OR RESTRICTIONS ON USE

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59): CAS 19438-60-9

Regulations on the Safety Management of Hazardous Chemicals

Catalog of hazardous chemicals: Not included.

SECTION 16. OTHER INFORMATION

The information in this safety data sheet was obtained from reputable sources and to the best of our knowledge is accurate and current at the mentioned date. Neither CAPLINQ Corporation, nor CAPLINQ Europe BV accept any liability arising out of the use of the information provided here or the use, application or processing of the product described herein.

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