

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name	OPTOLINQ™ LE-8011HT PART B
Applications:	Optically clear epoxy resin for the encapsulation of infrared devices
Advised Against	No further relevant information available
Supplier Name	Caplinq Europe BV

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SECTION 2. HAZARDS IDENTIFICATION

HAZARD CLASS

Sensitization, Skin
Serious eye damage/eye irritation
Sensitization, respiratory

HAZARD CATEGORY

Category 1
Category 1
Category 1

HAZARD PICTOGRAMS:



SIGNAL WORD

Danger

HAZARD STATEMENTS

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

PREVENTION PRECAUTIONARY STATEMENTS

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash skin thoroughly after handling
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/hearing protection.

RESPONSE PRECAUTIONARY STATEMENTS

P302+P352	IF ON SKIN, wash with plenty of soap and water.
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.
P309+P311	If you feel unwell: call a POISON CENTER or doctor/physician.
P332+P317	If skin irritation occurs: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.

DISPOSAL PRECAUTIONARY STATEMENTS

P501	Dispose of contents or container to approved waste disposal in accordance with local/regional/national/international regulations
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SECTION 3. INGREDIENT COMPOSITION

No.	Components	CAS Reg. No.	Proportion (%)
1	Acid Anhydride	25550-51-0	95
2	Additive	Proprietary	5

SECTION 4. FIRST AID MEASURES

EYE CONTACT:

- Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for 15 minutes, holding the eyelids apart. Call for medical help immediately

SKIN CONTACT:

- Immediately wash with water and soap and rinse thoroughly.
- If skin irritation continues, consult a doctor.

INHALATION:

- Supply fresh air; If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician.

INGESTION:

- Rinse out your mouth (only if the person is conscious).
- Do not induce vomiting; call for medical help immediately

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

- Dry powder, carbon dioxide, foam extinguisher, or dry sand.

FIRE FIGHTING PROCEDURE

- For large fires, use dry chemical, foam, or water spray. For small fires, use carbon dioxide, dry chemical, or water spray. Water can be used to cool fire exposed containers. Self-contained breathing apparatus and protective clothing should be worn in extinguishing large fires involving chemicals.
- Determine whether your local emergency plan requires you to evacuate or isolate the area. To keep fire-exposed containers cool, use water spray.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

- Ensure adequate ventilation. Wear protective equipment. Prevent dust formation.

ENVIRONMENTAL PRECAUTIONS

- Prevent from spreading or entering into drains, ditches, or rivers by using sand, earth, or other appropriate barriers. Inform respective authorities in case of seepage into the water course or sewage system.

LEAKAGE OR SPILL

- If spilled material can be pumped and can be safely recovered, store it in an appropriate container. Use a suitable absorbent to clean up the remaining spillage, as even small quantities can create a slip hazard. Consider a final cleaning using methods such as steam, solvents, or detergents if needed. Dispose of saturated absorbents or cleaning materials properly to prevent potential spontaneous heating.

SECTION 7. HANDLING AND STORAGE

HANDLING

- Use only under a chemical fume hood or with comparable exhaust ventilation. Avoid contact with the eyes, skin and clothing. Do not ingest and inhale. Exercise good industrial hygiene practice.

STORAGE

- Exercise caution. Store away from foodstuffs. Store away from oxidizing materials, near extreme heat, ignition sources or open flame.
- Store in cool, dry conditions in well sealed receptacles

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION:

Use only under a chemical fume hood or with comparable exhaust ventilation. Ensure that eyewash stations and safety showers are close to the workstation location. Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimize release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at workstations..

PERSONAL PROTECTION:

- Respiratory Protection: Use approved/certified respiratory protective equipment organic vapor cartridges
- Eye Protection: Use appropriate eye protective gear, with safety glasses as the minimum requirement.
- Skin protection: Observe proper washing before and after mealtime and at the end of shift.
- Body protection: Wear suitable protective work clothing with boots as a requirement.
- Hand Protection: Avoid skin-contact. Wear chemical resistant gloves while working with the product.
- Hygiene Measures: Adopt appropriate procedures for industrial hygiene. Particularly before eating, drinking, or smoking, wash after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to Light Yellow
Odor	Light
pH	5
Initial Boiling Point/Boiling Ranges	Not Applicable
Flash Point	>100 °C
Specific Gravity	0.9
Vapour Pressure (mmHg at 25 °C)	Not Applicable
Explosive Limit	Information not available
Oxidized Ability	Information not available
Auto-ignition temperature	Information not available
Water Solubility	Soluble by hydrolysis

SECTION 10. STABILITY & REACTIVITY

Chemical Stability: Stable under ordinary conditions of use and storage.

Materials and Conditions To Avoid: Store away from alkaline, strong oxidizing agents and moisture.

Hazardous Polymerization: No hazard at room temperature.

Hazardous Decomposition Products: Carbon dioxide, along with residual carbon from incomplete combustion.

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogenicity: Not classified as carcinogenic.

Reproductive Effect: Not classified as reproductive toxicant.

Chronic Effects: No information found.

Target Organs: May cause respiratory irritation (single exposure). Not classified as a specific target organ toxicant (repeated exposure)

Inhalation: May cause respiratory irritation if inhaled.

Skin Contact: May cause an allergic skin reaction.

Eye Contact: Causes serious eye damage.

Ingestion: Harmful if swallowed.

SECTION 12. ECOLOGICAL INFORMATION

Mobility: No information found

Bioaccumulation: No information found.

Persistence and biodegradability: Persistence is unlikely, based on information available

Aquatic Toxicity: Classified as not hazardous to the aquatic environment.

Effect in Wastewater Treatment Plants: No information found

SECTION 13. DISPOSAL CONSIDERATIONS

Waste is classified as hazardous. 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

Land transport ADR/RID (Cross-border)

ADR, RID Class: Not applicable

Maritime transport IMDG

IMDG Class: Not subject to IMDG classification.

Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class: Not subject to IATA 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

No information available

SECTION 16. OTHER INFORMATION

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