

For Chemical Emergencies During Transportation:
 USA and Canada: Call CHEMTREC 24 Hours at 1-800-424-9300
 International: Call CHEMTREC 24 Hours at 1-703-527-3887
 Account Number: CCN709805

1. PRODUCT AND COMPANY INFORMATION

Product Name: HELIOBOUQUET
 Product Code: 28204
 CAS #: 1205-17-0

Company Name: The Lermond Company, LLC
 13 Raritan Road
 Oakland, NJ 07436
 Phone: 201-896-3300

2. HAZARD(S) IDENTIFICATION

Environmental Hazards	Hazardous to the aquatic environment chronic hazard	Category 2
Health Hazards	Sensitization Skin	Category 1B



Label elements

Signal word Warning

Hazard statement H317 May cause an allergic skin reaction
 H411 Toxic to aquatic life with long lasting effects

Precautionary statement

- P261: Avoid breathing dust/fume/ gas/mist/vapors/spray.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/eye protection/face protection.
- P302+P352: IF ON SKIN: Wash with plenty of soap and water.
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
- P391: collect spillage.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulation

Hazard(s) not otherwise classified (HNOC) Not available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: 1,3-benzodioxole-5-propanal,.alpha.-m 100% CAS Number: 1205-17-0

4. FIRST-AID MEASURES

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid immediately.

Skin Contact: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develop or persists.

Ingestion: If victim is conscious and alert, give 2 - 4 cupful of milk or water. Get medical aid immediately. Induce vomiting by giving one teaspoon of syrup or Ipecac. Call a poison control center.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

General information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. FIRE-FIGHTING MEASURES

Flash Point:	>100 C
Suitable Extinguishing Media:	In case of fire, use water, dry chemical, chemical foam, or alcohol resistant foam.
Unsuitable Extinguishing Media:	N/A
Specific hazards arising from the Chemical:	N/A
Special protective Equipment and precautions for firefighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/ Instructions:	Move containers from fire area if you can do so without risk.
Specific methods:	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards:	No unusual fire or explosion hazards noted.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up:

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions:

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. HANDLING AND STORAGE

Safe Handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use with adequate ventilation. Ground and bond containers when transferring material.
----------------	--

Safe Storage: Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide easy access to water supply and eye wash facilities.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear safety glasses with side shields (or goggles) and a face shield.
Skin protection:
Hand protection: Wear appropriate chemical resistant gloves.
Other: Wear appropriate chemical resistant clothing. Use of an impervious apron recommended.
Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene Considerations: Contaminated work clothing should not be allowed out of the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless to pale yellow liquid
Vapor density @ 20°C: N/A
Relative Density @ 25°C: N/A
Melting point: N/A
Flash point: >100 C
Boiling point: N/A

10. STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions
Stability:	Stable at room temperatures in closed containers under normal storage and handling conditions.
Possibility of hazardous Reactions:	N/A
Conditions to avoid:	Incompatible materials, strong oxidants
Incompatible materials:	Strong oxidizing agents, strong bases
Hazardous decomposition products:	Carbon monoxide, carbon dioxide and unidentified hazardous organic and inorganic compounds

11. TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution: No Data Available

Information on toxicological effect

Acute Toxicity:

LD50(Oral, Rat): 3600 mg/kg

LD50(Dermal Rabbit): >5000 mg/Kg

LC50(inhalation, Rat): no data available

Skin Corrosion/irritation: no data available

Serious eye damage /irritation: no data available

Respiratory or skin sensitization: No data available

12. ECOLOGICAL INFORMATION

Toxicity:

Acute toxicity	Time	Species	Method	Evaluation	Remarks
LC50 N/A	96h	Fish	OECD 203	N/A	N/A
EC50 N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50 N/A	72h	Algae	OECD 201	N/A	N/A

Other adverse affects: N/A

13. DISPOSAL CONSIDERATIONS

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues/
unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

Ground Shipping (DOT): Not regulated

Air shipping (IATA): Not regulated

Ocean Shipping (IMDG): Not regulated

15. REGULATORY INFORMATION

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

N/A

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

N/A

CERCLA Hazardous Substance List (40 CFR 302.4)

N/A

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories N/A

16. OTHER INFORMATION

Disclaimer: This information is provided for documentation purposes only.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations that the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.