

**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: BOURGEONAL  
 Product Code: 14127  
 Company Name: The Lermond Company, LLC  
 13 Raritan Road  
 Oakland, NJ 07436  
 Phone: 201-896-3300

**2. HAZARD(S) IDENTIFICATION**

**Physical hazards** Not classified.  
**Health Hazards** Sensitization, skin Category 1A  
**Hazards Not Otherwise Classified** May be harmful if swallowed.  
**OSHA defined hazards** Not classified.



**Label elements**

**Signal word** Warning

**Hazard statement** May cause an allergic skin reaction.

**Precautionary statement**  
**Prevention** Avoid breathing mist or vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/eye protection/face protection.

**Response** If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Storage** Store away from incompatible materials.

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

**Hazard(s) not otherwise classified (HNOC)** None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: 3-(4-tert-butylphenyl)propionaldehyde 100% CAS Number: 18127-01-0

### 4. FIRST-AID MEASURES

**Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin Contact:** Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**Ingestion:** Rinse mouth. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed:** May cause eye, skin and respiratory tract irritation. May irritate the digestive tract. May cause skin sensitivity.

**Indication of immediate Medical attention and Special treatment needed:** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**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:	Water spray. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ). Alcohol resistant foam or powder.
Unsuitable Extinguishing Media:	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the Chemical:	During fire, gases hazardous to health may be formed.
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:**

Do not get this material in contact with eyes. Avoid breathing mist or vapor. Avoid contact with skin. Provide adequate ventilation. Wear appropriate personal protective

equipment. Avoid release to the environment. Observe good industrial hygiene practices.

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational exposure limits:** No exposure limits noted for ingredient(s).

**Biological limit values:** No biological exposure limits noted for the ingredient(s).

**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: 300 °C

## 10. STABILITY AND REACTIVITY

Reactivity:	This material is stable and non-reactive under normal conditions of use, storage and transport. Protect from light and air.
Stability:	Material is stable under normal conditions.
Possibility of hazardous Reactions:	No dangerous reactions known under conditions of normal use.
Conditions to avoid:	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon Oxides

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Inhalation</b>	May cause irritation if inhaled.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Eye contact</b>	May cause temporary irritation on eye contact.
<b>Ingestion:</b>	Expected to be a low ingestion hazard.

**Symptoms related to the physical, chemical and toxicological Characteristics:** See section 4 of this SDS

Components	Species	Test Results
3-(4-tert-butylphenyl) propionaldehyde (CAS 18127-01-0) <i>Oral</i> LD50	Rat	=2700 mg/kg

## 12. ECOLOGICAL INFORMATION

<b>Persistence and degradability:</b> disposal.	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
<b>Biodegradability:</b>	Not determined.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility:</b>	Not determined

**Other adverse affects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 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):  
Proper Shipping Name: Not regulated as dangerous goods

Air shipping (IATA):  
Proper Shipping Name: Not regulated as dangerous goods

Ocean Shipping (IMDG):  
Proper Shipping Name: Not regulated as dangerous goods

Transport in bulk according to This substance/mixture is not intended to be transported in bulk. Annex II of MARPOL 73/78 and the IBC Code

### 15. REGULATORY INFORMATION

**US federal regulations** N/A

**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**

**SARA 302 Extremely hazardous substance**

N/A

**SARA 311/312** N/A

**Hazardous chemical  
SARA 313 (TRI reporting)**  
N/A

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**  
N/A

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**  
N/A

**Safe Drinking Water Act (SDWA)** N/A

**US state regulations**

**US. Massachusetts RTK - Substance List**  
N/A

**US. New Jersey Worker and Community Right-to-Know Act**  
N/A

**US. Pennsylvania Worker and Community Right-to-Know Law**  
N/A

**US. Rhode Island RTK**  
N/A

**US. California Proposition 65**  
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.