

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: **LORD® ACCELERATOR 61**
Product Use/Class: **Acrylic Adhesive, Part 2 of 2**

LORD Corporation
111 LORD Drive
Cary, NC 27511-7923 USA

Telephone: 814 868-3180
Non-Transportation Emergency: 814 763-2345
Chemtrec 24 Hr Transportation Emergency No.
800 424-9300 (Outside Continental U.S. 703 527-3887)

EFFECTIVE DATE: 03/26/2025

2. HAZARDS IDENTIFICATION**GHS CLASSIFICATION:**

Organic peroxides Type E
Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2A
Skin sensitization Category 1B
Hazardous to the aquatic environment - acute hazard Category 1
Hazardous to the aquatic environment - chronic hazard Category 1

GHS LABEL ELEMENTS:

Symbol(s)

**Signal Word**

WARNING

Hazard statements

Heating may cause a fire.
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

Precautionary statements**Prevention**

Keep away from heat, sparks, open flames, hot surfaces. - No smoking.
Keep/Store away from clothing/ combustible materials.
Keep only in original container.
Wear protective gloves, eye protection, face protection.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.

Response

300001013020

Specific treatment (see supplemental first aid instructions on this label).

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice, attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice, attention.

Take off contaminated clothing and wash before reuse.

Collect spillage.

Storage

Protect from sunlight.

Store at temperatures not exceeding .? °C/ .? °F. See Technical Data Sheet for storage temperature or contact your Parker Lord Technical Representative. Keep cool.

Store away from other materials.

Disposal:

Dispose of contents/container in accordance with waste/disposal laws and regulations of your country or particular locality.

Other hazards:

This product contains component(s) which have the following warnings; however based on the GHS classification criteria of your country or locale, the product mixture may be outside the respective category(s).

Acute: May be harmful if swallowed. Ingestion is not an expected route of entry in industrial or commercial uses. May cause respiratory tract irritation.

Chronic: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients above the threshold concentration

Chemical Name	CAS Number	Range
Isodecyl benzoate	131298-44-7	35 - 40 %
Dibenzoyl peroxide	94-36-0	30 - 35 %
Benzoate ester	PROPRIETARY	10 - 15 %
Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate	84434-11-7	5 - 10 %

Any "PROPRIETARY" component(s) in the above table is considered trade secret, thus the specific chemical and its exact concentration is being withheld.

4. FIRST AID MEASURES

FIRST AID - EYE CONTACT: Flush eyes immediately with large amount of water for at least 15 minutes holding eyelids open while flushing. Get prompt medical attention.

FIRST AID - SKIN CONTACT: Flush contaminated skin with large amounts of water while removing contaminated clothing. Wash affected skin areas with soap and water. Get medical attention if symptoms occur.

FIRST AID - INHALATION: Move person to fresh air. Restore and support continued breathing. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do not induce vomiting. Call a physician or poison control center immediately for further instructions. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Carbon Dioxide, Dry chemical, Foam, Water fog

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as this may spread the fire.

SPECIFIC HAZARDS POSSIBLY ARISING FROM THE CHEMICAL: Keep container tightly closed. Closed containers may rupture when exposed to extreme heat. Use water spray to keep fire exposed containers cool. During a fire, irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS: Wear full firefighting protective clothing, including self contained breathing apparatus. If water is used, fog nozzles are preferable.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Avoid breathing vapors. Use self-contained breathing equipment. Avoid contact.

ENVIRONMENTAL PRECAUTIONS: Do not contaminate bodies of water, waterways, or ditches, with chemical or used container.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Keep non-essential personnel away from spill area. Avoid breathing vapors. Notify appropriate authorities if necessary. Before attempting cleanup, refer to hazard caution information in other sections of this safety data sheet. Use appropriate respiratory protection for large spills or spills in confined area. Contain and remove with inert absorbent material. Avoid contact.

7. HANDLING AND STORAGE

HANDLING: Keep closure tight and container upright to prevent leakage. Wash thoroughly after handling. Avoid breathing of vapor or spray mists. Do not handle until all safety precautions have been read and understood. Use with adequate ventilation. Avoid breathing sanding dust from this product.

STORAGE: Store only in well-ventilated areas. Keep from freezing. Keep container closed when not in use.

INCOMPATIBILITY: Strong acids, bases, and strong oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT EXPOSURE LIMIT

Chemical Name	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING	Skin
Isodecyl benzoate	N.E.	N.E.	N.E.	N.E.	Not applicable
Dibenzoyl peroxide	5 mg/m3	N.E.	5 mg/m3	N.E.	Not applicable
Benzoate ester	N.E.	N.E.	N.E.	N.E.	Not applicable
Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate	N.E.	N.E.	N.E.	N.E.	Not applicable

N.A. - Not Applicable, N.E. - Not Established, S - Skin Designation

ENGINEERING CONTROLS: Sufficient ventilation in pattern and volume should be provided in order to maintain air contaminant levels below recommended exposure limits.

PERSONAL PROTECTION MEASURES/EQUIPMENT:

Respiratory protection: Use a NIOSH approved chemical/mechanical filter respirator designed to remove a combination of particulates and organic vapor if occupational limits are exceeded. For emergency situations, confined space use, or other conditions where exposure limits may be greatly exceeded, use an approved air-supplied respirator. For respirator use observe OSHA regulations (29CFR 1910.134) or use in accordance with applicable laws and regulations of your country or particular locality. Use a NIOSH approved mechanical filter respirator to remove dust particles if sanding or grinding this material.

Skin protection: Use neoprene, nitrile, or rubber gloves to prevent skin contact. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Eye protection: Use safety eyewear including safety glasses with side shields and chemical goggles where splashing may occur.

Other protective equipment: Use disposable or impervious clothing if work clothing contamination is likely. Remove and wash contaminated clothing before reuse.

Hygienic practices: Wash hands before eating, smoking, or using toilet facility. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical values, not to be used for specification purposes.

Odor:	Mild	Vapor Pressure:	N.D.
Appearance:	White	Vapor density:	Heavier than Air
Physical state:	Liquid	Lower explosion limit:	N.A.
Flash point:	≥ 201 °F, 93 °C Setaflash Closed Cup	Upper explosive limit:	N.A.
Boiling range:	100 °C	Evaporation rate:	N.A.
Autoignition temperature:	433 °C ASTM E-659	Density:	1.12 g/cm ³ (9.30 lb/gal)
Decomposition temperature:	N.D.	Viscosity, dynamic:	≥10,000 mPa.s @ 25 °C
Odor threshold:	N.D.	Viscosity, kinematic:	≥8,929 mm ² /s @ 25 °C
Solubility in H₂O:	Soluble	Volatile by weight:	7.44 %
pH:	N.A.	Volatile by volume:	8.93 %
Freeze point:	N.D.	VOC Calculated:	0 lb/gal, 0 g/l
Coefficient of water/oil distribution:	N.D.		

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Hazardous polymerisation will not occur under normal conditions.

STABILITY: Product is stable under normal storage conditions.

CONDITIONS TO AVOID: High temperatures.

INCOMPATIBILITY: Strong acids, bases, and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Does not decompose when used and stored as recommended., Carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

EXPOSURE PATH: Refer to section 2 of this SDS.

SYMPTOMS: Refer to section 2 of this SDS.

TOXICITY MEASURES:

Chemical Name	LD50/LC50
Isodecyl benzoate	Oral LD50: Rat > 5,000 mg/kg Dermal LD50: Rabbit > 2,000 mg/kg GHS LC50 (dust and mist): Rat > 5.5 mg/l /4 h
Dibenzoyl peroxide	Oral LD50: Rat 7,710 mg/kg GHS LC50 (dust and mist): Rat > 24.3 mg/l /4 h
Benzoate ester	Oral LD50: Rat 3,914 mg/kg Dermal LD50: Rat > 2,000 mg/kg GHS LC50 (dust and mist): Rat > 200 mg/l /4 h
Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate	Oral LD50: Rat > 5,000 mg/kg Dermal LD50: Rat > 2,000 mg/kg

Germ cell mutagenicity: No classification proposed

Carcinogenicity: No classification proposed

Reproductive toxicity: No classification proposed

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

Chemical Name	Ecotoxicity
Isodecyl benzoate	N.D.
Dibenzoyl peroxide	Fish: Oncorhynchus mykiss 0.0602 mg/196 h semi-static Invertebrates: Daphnia magna 0.11 mg/148 h
Benzoate ester	Fish: Pimephales promelas 3.7 mg/196 h flow-through Invertebrates: Daphnia magna 19.3 mg/148 h
Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate	Fish: Danio rerio 1.89 mg/196 h semi-static

PERSISTENCE AND DEGRADABILITY: Not determined for this product.

BIOACCUMULATIVE: Not determined for this product.

MOBILITY IN SOIL: Not determined for this product.

OTHER ADVERSE EFFECTS: Not determined for this product.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be done in accordance with Federal (40CFR Part 261), state and local environmental control regulations. If waste is determined to be hazardous, use licensed hazardous waste transporter and disposal facility.

14. TRANSPORT INFORMATION

US DOT Road

Proper Shipping Name: ORGANIC PEROXIDE TYPE E, LIQUID
Hazard Class: 5.2
Secondary hazard: None
UN/NA Number: 3107
Packing group: II
Emergency Response Guide Number: 145

IATA Cargo

Proper shipping name: ORGANIC PEROXIDE TYPE E, LIQUID
Hazard Class: 5.2
Hazard class: None
UN number: 3107
Packing group: II
EmS: 5L

IMDG

Proper shipping name: ORGANIC PEROXIDE TYPE E, LIQUID
Hazard Class: 5.2
Hazard class: None
UN number: 3107
Packing group: II
EmS: F-J; S-R

The listed transportation classification applies to non-bulk shipments. It does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors. For the most accurate shipping information, refer to your transportation/compliance department.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS:

SARA SECTION 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372.:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight percent less than</u>
Dibenzoyl peroxide	94-36-0	35.0 %

TOXIC SUBSTANCES CONTROL ACT:

INVENTORY STATUS

The chemical substances in this product are on the active TSCA Section 8 Inventory or exempt.

EXPORT NOTIFICATION

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

None

16. OTHER INFORMATION

Under HazCom 2012 it is optional to continue using the HMIS rating system. It is important to ensure employees have been trained to recognize the different numeric ratings associated with the HazCom 2012 and HMIS schemes.

HMIS RATINGS - HEALTH: 2* FLAMMABILITY: 1 PHYSICAL HAZARD: 0

* - Indicates a chronic hazard; see Section 2

Revision: Section 9

Effective Date: 03/26/2025

DISCLAIMER

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.