



Section 1. Product and Company Identification

Product Name Lenalidomide
Product ID L1852
Chemical Name (Synonyms) CC-5013, Revlimid
Supplier LKT Laboratories, Inc
545 Phalen Blvd.
St. Paul, MN 55130 USA
Ph: 651-644-8424 Fax: 651-644-8357
www.lktlabs.com - getinfo@lktlabs.com

Emergency Phone # 1-800-424-9300

Section 2. Hazards Identification

GHS Classification Acute Toxicity, Oral (Category 3), H301
Acute Toxicity, Skin (Category 4), H312
Toxic to Reproduction (Category 1B), H360
Target Organ Systemic Toxicity, Repeated Exposure (Category 1), H372

GHS Label elements including precautionary statements

Pictogram



Signal word Danger

Hazard and precautionary statements

Hazard statements

H301 - Toxic if swallowed.
H312 - Harmful in contact with skin.
H360 - May damage fertility or the unborn child.
H372 - Causes damage to organs (hematological and gastrointestinal systems) through prolonged or repeated exposure.

Precautionary statements

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe dust, fumes, gas, mist vapors, spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink, or smoke when using this product.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P281 - Use personal protective equipment as required.
P301 + 310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + 352 - IF ON SKIN: Wash with plenty of soap and water.
P308 + 313 - IF exposed or concerned: Get medical attention/advice.
P312 - Call a POISON CENTER/doctor/physician if you feel unwell.
P314 - Get medical attention/advice if you feel unwell.
P321 - Specific treatment (see supplemental 1st aid instructions on this label).
P322 - Specific measures (see supplemental 1st aid instructions on this label).
P330 - Rinse mouth.
P362 + P364 - Take off contaminated clothing and wash it before reuse.
P363 - Wash contaminated clothing before reuse.
P405 - Store locked up.
P501 - Dispose of contents/ container to an approved waste disposal plant.

HMIS Classification Health hazard: 2
Chronic health hazard: 0
Flammability: 0
Physical hazards: 0

NFPA Rating Health hazard: 2
Fire: 0
Reactivity hazard: 0

Potential Health Effects Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.
Skin: Acute toxicity. Harmful in contact with skin. May cause skin irritation.
Eyes: May cause eye irritation.

Ingestion: Acute toxicity. Toxic if swallowed. Reproduction: May damage fertility or the unborn child.
Organs: Cause disorders to blood, stomach, and intestines.

Section 3. Composition/Information on Ingredients

Substances	Ingredient: Title Compound	CAS: 191732-72-6
Formula	C ₁₃ H ₁₃ N ₃ O ₃	Formula Wt. 259.26
CAS No.	191732-72-6	EC No.

Section 4. First Aid Measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Eye Contact	Flush eyes with plenty of water for at least 15 minutes and seek medical attention immediately.
Skin Contact	Wash with soap and water for 15 minutes and seek medical attention immediately. Wash contaminated clothing before reuse.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 . Firefighting Measures

Flash Point	Not available.
Extinguishing Media	Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Firefighting Procedures	Wear self-contained breathing apparatus for firefighting if necessary.
Unusual Fire Hazards	May emit toxic fumes under fire conditions.

Section 6. Accidental Release Measures

Personal Precautions	Use personal protective equipment. Avoid dust formation. Avoid breathing dust, vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and materials for containment and cleanup	Pick up and arrange disposal without creating dust. Sweep up and shovel without creating dust. Keep in suitable, closed containers for disposal.

Section 7. Handling and Storage

Handling	Wear gloves, goggles, and lab coat when handling this material. Use in a well ventilated area. Use only in a chemical fume hood. Wash thoroughly after handling material.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: Ambient
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, nitrogen oxides.
Other Remarks	None

Section 8. Exposure Controls/Personal Protection

Personal protective equipment EXPOSURE CONTROLS

Contains no substances with occupational exposure limit values.
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

PERSONAL PROTECTION

Eye Protection

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hand Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Skin and Body Protection

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9. Physical and Chemical Properties

Physical State	Solid	Color	White to light yellow powder.
Boiling Point	Not available.	Volatility	Not available.
Melting Point	Not available.	Density	Not available.
Solubility	DMSO (≥ 50 mg/mL). Very slightly soluble in water (≤ 1 mg/mL).	pH	Not available.
Flash Point	Not available.	Ignition temperature	Not available.
Lower explosion limit	Not available.	Autoignition temperature	Not available.
Upper explosion limit	Not available.	Vapor pressure	Not available.
Water solubility	Very slightly soluble in water (≤ 1 mg/mL).	Odor	Not available.
Partition coefficient: n-octanol/water	Not available.	Odor Threshold	Not available.
Relative vapor density	Not available.	Evaporation rate	Not available.

Section 10. Stability and Reactivity

Stability	Stable under recommended storage conditions.
Materials To Avoid	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, nitrogen oxides.

Possibility of hazardous reactions Not available.

Conditions to avoid Not available.

Section 11. Toxicological Information

Oral LD50 Not available.

Skin corrosion/irritation Not available.

Inhalation LC50 Not available.

Serious eye damage/irritation Not available.

Dermal LD50 Not available.

Respiratory or skin sensitization Not available.

Other information on acute toxicity Not available.

Germ cell mutagenicity Not available.

Reproductive Toxicity Not available.

Aspiration Hazard Not available.

Specific organ toxicity single exposure (GHS) Not available.

Synergistic effects Not available.

Specific organ toxicity repeated exposure (GHS) Not available.

Additional Information Not available.

Teratogenicity Not available.

Signs and symptoms of exposure RTECS: TM7342160

Potential Health Effects Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.
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Eyes: May cause eye irritation.
Ingestion: Acute toxicity. Toxic if swallowed. Reproduction: May damage fertility or the unborn child.
Organs: Cause disorders to blood, stomach, and intestines.

Carcinogenicity **IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Section 12. Ecological Information

Toxicity Not available.

Mobility in soil Not available.

PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not

conducted.

Persistence and degradability Not available.

Other adverse effects Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

Bioaccumulative potential Not available.

Section 13. Disposal Considerations

Waste Disposal Dispose of material according to all federal, state, and local regulations.
Offer material to a licensed, professional wasted disposal company to dispose of as unused product.

Section 14. Transport Information

DOT (US) Not dangerous goods.

IATA Not dangerous goods.

IMDG Not dangerous goods.

Further Information

Section 15. Regulatory Information

Reach No.

SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title II, Section 302.

SARA 313 Components SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Components No SARA Hazards

Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components Lenalidomide CAS #: 191732-72-6 Revision Date:

New Jersey Right To Know Components Lenalidomide CAS #: 191732-72-6 Revision Date:

California Prop 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16. Other Information

Other information The information in this document is believed to be correct but is not necessarily complete. LKT does not guarantee the accuracy of the information. The burden of verifying the information in this document rests solely upon the user.

Updated 6/11/2020

For emergencies in the USA, call
CHEMTREC 800-424-9300