

Lead Nitrate, RGT GRD

SECTION 1: Identification of the substance/mixture and of the supplier

Product name: Lead Nitrate, RGT GRD

Manufacturer/Supplier Trade name

Supplier Details

Classification of the substance or mixture:



Oxidizing  
Oxidizing solids, category 2



Health hazard  
Reproductive toxicity, category 1A  
Specific target organ toxicity following repeated exposure, category 2



Corrosive  
Serious eye damage, category 1



Irritant  
Acute toxicity (oral, dermal, inhalation), category 4



Environmentally Damaging  
Acute hazards to the aquatic environment, category 1  
Chronic hazards to the aquatic environment, category 1

Ox solid. 2.

AcTox Oral. 4.

AcTox Inhaln. 4.

Eye Damage. 1.

Repr Tox. 1A.

Specific Target. Organ tox. 2.

Aquatic AcTox. 1.

Aquatic ChrTox. 1.

Signal word: Danger

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Hazard statements:

- May intensify fire; oxidizer.
- Causes serious eye damage.
- Harmful if swallowed.
- Harmful if inhaled.
- May cause damage to organs through prolonged or repeated exposure.
- May damage fertility or the unborn child.
- Very toxic to aquatic life with long lasting effects.

Precautionary statements:

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read label before use.
- Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment.
- Take any precaution to avoid mixing with combustibles.
- Wash skin thoroughly after handling.
- Keep/Store away from clothing/combustible materials.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Collect spillage.
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- Immediately call a POISON CENTER or doctor/physician.
- In case of fire: Use agents recommended in section 5 for extinction.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
- Continue rinsing.
- Rinse mouth.

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NFPA SCALE (0-4)

<b>Health</b>	<b>2</b>
<b>Flammability</b>	<b>0</b>
<b>Physical Hazard</b>	<b>2</b>
<b>Personal Protection</b>	<b>X</b>

HMIS RATINGS (0-4)

SECTION 3: Composition/information on ingredients

Ingredients:		
CAS 10099-74-8	Lead Nitrate	> 99 %
Percentages are by weight		

SECTION 4: First aid measures

Description of first aid measures

After inhalation:

Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Get medical aid immediately. Loosen clothing as necessary and position individual in a comfortable position. DO NOT use mouth-to-mouth resuscitation without a barrier device. If breathing is difficult, give oxygen.

After skin contact:

Get medical assistance. Flush with water for 15 minutes.

After eye contact:

Protect unexposed eye. If able remove contact lenses while rinsing. Immediately rinse or flush exposed eye gently using water for 15-20 minutes. Immediately seek medical attention.

After swallowing:

Rinse mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Contact a poison control center or physician immediately. Dilute with milk or water.

Most important symptoms and effects, both acute and delayed:

Vomiting. Diarrhea. Irritation- all routes of exposure. Nausea. Headache. Shortness of breath. Harmful if inhaled or swallowed. May cause harm to the unborn child. Possible risk of impaired fertility. May cause cancer. May cause central nervous system effects. May cause adverse liver and kidney effects. Danger of explosion. It gives off toxic fumes when heated.

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Special hazards arising from the substance or mixture:

Nitrogen oxides. Lead oxides. Thermal decomposition can lead to release of irritating gases and vapors. Strong oxidizer. Contact with other material may cause a fire. Poisonous gases may be produced in fire.

Advice for firefighters:

Protective equipment:

Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Wear protective eyewear, gloves, and clothing. Use normal procedures. Use protective clothing. Use NIOSHapproved breathing equipment.

Additional information (precautions):

Avoid contact with skin, eyes, and clothing. Avoid generating dust. Ensure adequate ventilation.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep product and empty container away from heat and sources of ignition. Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not ingest or inhale. Avoid dust formation. Keep away from combustible materials. Use spark-proof tools and explosion-proof equipment. Ensure adequate ventilation.

Environmental precautions:

Prevent from reaching drains, sewer, or waterway. Dust deposits should not be allowed to accumulate on surfaces. Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment. Do not release into the environment. Collect contaminated soil

Safety Data Sheet  
according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 12.19.2014

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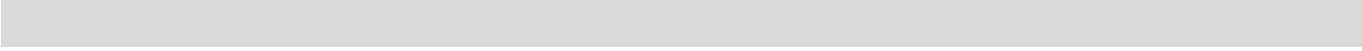
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Evaporation rate:  
Flammability (solid,  
gaseous):

Not Applicable

Decomposition  
temperature:

470°C



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Aquatic Tox.: EC50 - Daphnia magna (Water flea) - 0.5 - 2.0 mg/l - 48 h

Persistence and degradability: No additional information.

Bioaccumulative potential: No additional information.

Mobility in soil: No additional information.

Other adverse effects:

Very toxic to aquatic life with long lasting effects. This chemical is a marine pollutant. Do not release into the environment.

SECTION 13: Disposal considerations

Waste disposal recommendations:

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None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):

10099-74-8 For metals listed under CERCLA (antimony, arsenic, beryllium, cadmium, chromium, copper, lead, nickel, selenium, silver, thallium, and zinc), no reporting of releases of the solid form is required if the mean diameter of the pieces of the solid metal rele 10 lbs.

Proposition 65 (California):

Chemicals known to cause cancer:

10099-74-8 Lead Nitrate.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

Canada

Canadian Domestic Substances List (DSL):

All ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 0.1%):

10099-74-8 Lead nitrate.

Canadian NPRI Ingredient Disclosure list (limit 1%):



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NPRI National Pollutant Release Inventory (Canada).  
DOT US Department of Transportation.  
IATA International Air Transport Association.  
GHS Globally Harmonized System of Classification and Labelling of Chemicals.  
ACGIH American Conference of Governmental Industrial Hygienists.  
CAS Chemical Abstracts Service (division of the American Chemical Society).  
NFPA National Fire Protection Association (USA).  
HMIS Hazardous Materials Identification System (USA).  
WHMIS Workplace Hazardous Materials Information System (Canada).  
DNEL Derived No-Effect Level (REACH).

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