

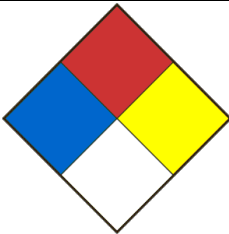


## SAFETY DATA SHEET

### SECTION 01 - PRODUCT AND COMPANY IDENTIFICATION

|                                                                                                                               |                                                                       |                                             |                       |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------|-----------------------|
| Product Identifier<br>LEAD(II) NITRATE                                                                                        |                                                                       | Product Use<br>Laboratory use               |                       |
| Chemical formula<br>Pb(NO <sub>3</sub> ) <sub>2</sub>                                                                         |                                                                       | Product code<br>PR-0235                     | Molar weight<br>331,2 |
| Chemical name / Commercial name / Synonymous<br>LEAD(II) NITRATE, LEAD NITRATE, DINITRATE DE PLOMB, NITRIC ACID LEAD(2+) SALT |                                                                       |                                             |                       |
| Supplier's name<br>Laboratoire MAT                                                                                            |                                                                       | Address-Street<br>610, Adanac Street        |                       |
| City<br>Québec                                                                                                                |                                                                       | Province<br>Québec                          |                       |
| Postal code<br>G1C 7B7                                                                                                        | Internet<br>www.labmat.com                                            | Phone number<br>418-660-8666 Lun-Ven 8h-16h |                       |
| Emergency phone                                                                                                               | 418-660-8666 Lun-Ven 8h-16h CENTRE ANTI-POISON DU QUÉBEC 800-463-5060 |                                             |                       |
| Date SDS<br>6/12/2024                                                                                                         | SDS Prepared by<br>Laboratoire MAT                                    | E-Mail<br>labmat@labmat.com                 |                       |

## SECTION 02 - HAZARDS IDENTIFICATION

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Classification WHIMS / GHS</b>                                                   | Oxidizing solids category 2<br>Acute toxicity - Oral category 4<br>Acute toxicity - Inhalation category 4<br>Serious eye damage/eye irritation - Serious eye damage category 1<br>Reproductive toxicity category 1A<br>Specific Target Organ Toxicity - Repeated exposure category 2<br>Carcinogenicity category 1B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Signal Word</b>                                                                  | DANGER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Hazards statements (H)</b>                                                       | H272 May intensify fire; oxidiser.<br>H302 Harmful if swallowed.<br>H318 Causes serious eye damage.<br>H332 Harmful if inhaled.<br>H360 May damage fertility or the unborn child.<br>H373 May cause damage to organs through prolonged or repeated exposure.<br>H350 May cause cancer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <b>Precautionary statements (P)</b>                                                 | P201 Obtain special instructions before use.<br>P202 Do not handle until all safety precautions have been read and understood.<br>P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.<br>P220 Keep away from clothing and combustible materials.<br>P260 Do not breathe mists, gases, vapors and other fumes, or the product itself.<br>P261 Avoid breathing mists, gases, vapors and other fumes, or the product itself.<br>P264 Wash the areas of the body that have been in contact with the product after handling.<br>P270 Do not eat, drink or smoke when using this product.<br>P280 Wear protective gloves, protective clothing and eye and face protection.<br>P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.<br>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P308 + P313 IF exposed or concerned: Get medical advice/attention.<br>P310 Immediately call a POISON CENTER or a doctor.<br>P312 Call a POISON CENTER or doctor/physician if you feel unwell.<br>P314 Get medical advice/attention if you feel unwell.<br>P330 Rinse mouth.<br>P370 + P378 In case of fire: Use water for extinction.<br>P405 Store locked up.<br>P501 Dispose of contents and container in accordance with local, regional and national regulations, or contact a specialist waste disposal company.<br>P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. |  |
| <b>PICTOGRAMS</b>                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <b>Other dangers</b>                                                                | NFPA (Risk: 0=No risk; 1=Slight; 2=Moderate; 3=Significant; 4=Extreme)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|  | <b>Health</b> 3<br><b>Fire</b> 0<br><b>Reactivity</b> 1<br><b>Special danger</b> OX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |

## SECTION 03 - COMPOSITION/INFORMATION ON INGREDIENTS

| Ingrédients (Dénomination chimique / synonymes) | Numéro CAS et tout identificateur unique | Concentration (%P/P) |
|-------------------------------------------------|------------------------------------------|----------------------|
| Nitrate de plomb                                | 10099-74-8                               | <=100                |

## SECTION 04 - FIRST AID MEASURES

|                                                                        |                                                                                                                                                                                                                            |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>                                                     | Wash eyes with large amounts of water for at least 15 minutes while holding eyelids apart to rinse eyes. If irritation persists, seek medical attention.                                                                   |
| <b>Skin contact</b>                                                    | Wash skin with plenty of water for at least 15 minutes. Remove soiled clothing. If irritation persists, seek medical attention.                                                                                            |
| <b>Inhalation</b>                                                      | Move the unwell person to the fresh air. If breathing is difficult, give oxygen. Consult a physician.                                                                                                                      |
| <b>Ingestion</b>                                                       | If the person is conscious, drink water and do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.                                                                            |
| <b>Most important symptoms and effects (acute and delayed)</b>         | Main symptoms of high exposure: Gastrointestinal disorders. Weakness. Paresthesia (tingling, stiffness of the skin (cardboard skin), numbness). Paralysis. Eyes irritation. Coma. Effects may be delayed. Ref. section 11. |
| <b>Immediate medical attention and special treatment, if necessary</b> | Treat according to symptoms. Show this sheet to the attending physician.                                                                                                                                                   |

## SECTION 05 - FIREFIGHTING MEASURES

|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Flammability</b>                                                  | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Ignition conditions</b>                                           | Not flammable or combustible. Risk of fire or explosion if heated or crushed in presence of combustible products.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Suitable extinguishing media</b>                                  | Use water to extinguish the fire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Unsuitable extinguishing media</b>                                | Do not use dry chemicals or foam. CO2 or halon can provide limited control.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Hazardous combustion products</b>                                 | Hazardous combustion products formed under fire conditions: When heated to decomposition (470 ° C), lead nitrate gives off toxic fumes of nitrogen oxides and lead oxides.                                                                                                                                                                                                                                                                                                                                       |
| <b>Specific hazards of the dangerous product</b>                     | Powerful oxidizer. Contact with combustible, organic and other easily oxidizable substances may cause fire. A violent or explosive reaction may occur if the lead nitrate is heated or milled in the presence of the following products: ammonium thiocyanate, carbon, hot coal, tin chloride, metal hydrides, organic materials and alkaline, nitrites, phosphinates, phosphorus, lead hypophosphite, potassium, potassium acetate and sodium. May react violently with incompatible products (Ref Section 10). |
| <b>Special protective equipment and precautions for firefighters</b> | Discard incompatible substances if this can be done without risk. Firefighters should be equipped with standard protective equipment, fireproof clothing, face mask, gloves, protective boots and, where appropriate, self-contained breathing apparatus.                                                                                                                                                                                                                                                        |

## SECTION 06 - ACCIDENTAL RELEASE MEASURES

|                                                                                                            |                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods and materials for containment and cleaning up / Personnel precautions, protective equipment</b> | Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Pick up with a shovel or broom, taking care not to scatter dust. Dispose of residues in a container provided for the disposal of hazardous materials. Do not let product enter drains. |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 07 - HANDLING AND STORAGE

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conditions for safe storage</b> | Store in a cool, dry place. Store in a well-ventilated area. Do not store near combustible materials. Keep container tightly closed and store away from heat, moisture, combustible and organic products.                                                                                                                                                                                                                                                                                                     |
| <b>Methods of handling</b>         | Avoid contact with the skin, eyes and clothes. Do not breathe dust. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust or vapor is formed. Avoid ingestion and inhalation. Keep away from sources of ignition - No smoking. Keep away from heat and sources of ignition. Wear personal protective equipment when handling. Always ensure good ventilation. Apply the usual standard hygiene rules: Wash your hands after use. Do not eat or drink during use. |

## SECTION 08 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Workplace control parameters

| Components   | CAS-No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Value | Control parameters | Basis                                                                                                                                   |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Lead nitrate | 10099-74-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TWA   | 0.050000 mg/m3     | Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)                                                                     |
| Remarks      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                    |                                                                                                                                         |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TWAEV | 0.050000 mg/m3     | Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants |
|              | As of January 4, 2008, lead [7439-92-1] and its inorganic compounds (As Pb) as foreseen in Part 1 of Annex I, in the regulation concerning the lead foundries of the second fusion. For the application of this article, 'lead foundry of second fusion' is understood to mean any institution intended to treat a substance containing lead, other than lead concentrate from a mine by a chemical or metallurgical process for the production of refined lead, the oxide of lead or lead alloy. Carcinogenic effect detected in animals. Results of studies relating to the carcinogenicity of these substances in animals are not necessarily applicable to humans. |       |                    |                                                                                                                                         |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TWA   | 0.050000 mg/m3     | Canada. British Columbia OEL                                                                                                            |
|              | IARC '2A' applies to substances deemed probably carcinogenic to humans on the basis of limited evidence of carcinogenicity in humans. Adverse reproductive effect                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |                    |                                                                                                                                         |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TWA   | 0.050000 mg/m3     | Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.                                        |
|              | Skin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                    |                                                                                                                                         |
|              | Skinnotation only applies to organic compounds<br>Denotes a chemical agent listed in Table 1 of Ontario Regulation 490/09 (Designated Substances) made under the Act. See clause 2 (2) (a) of this Regulation.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                    |                                                                                                                                         |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TWA   | 0.05 mg/m3         | Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)                                                                     |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TWAEV | 0.05 mg/m3         | Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants |
|              | As of January 4, 2008, lead [7439-92-1] and its inorganic compounds (As Pb) as foreseen in Part 1 of Annex I, in the regulation concerning the lead foundries of the second fusion. For the application of this article, 'lead foundry of second fusion' is understood to mean any institution intended to treat a substance containing lead, other than lead concentrate from a mine by a chemical or metallurgical process for the production of refined lead, the oxide of lead or lead alloy. Carcinogenic effect detected in animals. Results of studies relating to the carcinogenicity of these substances in animals are not necessarily applicable to humans. |       |                    |                                                                                                                                         |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TWA   | 0.05 mg/m3         | Canada. British Columbia OEL                                                                                                            |
|              | IARC '2A' applies to substances deemed probably carcinogenic to humans on the basis of limited evidence of carcinogenicity in humans. Adverse reproductive effect                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |                    |                                                                                                                                         |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TWA   | 0.05 mg/m3         | Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.                                        |
|              | Skin<br>Skinnotation only applies to organic compounds<br>Denotes a chemical agent listed in Table 1 of Ontario Regulation 490/09 (Designated Substances) made under the Act. See clause 2 (2) (a) of this Regulation.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                    |                                                                                                                                         |

|                     |                                                                                                                                                                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data source         | Sigma-Aldrich.                                                                                                                                                                                                                                                        |
| Ventilation         | Fan.                                                                                                                                                                                                                                                                  |
| Respiratory         | If work under the hood is not possible, or if the permissible levels are exceeded, use NIOSH cartridge respiratory protection, or an air-supplied respirator.                                                                                                         |
| Gloves              | Handle with gloves. Suggested material: Nitrile. Butyle. Neoprene. The type, thickness and length of the glove must be chosen according to the use, the concentration of the product, as well as the duration of use. Replace gloves regularly for better protection. |
| Eyes                | Safety goggles with safety shutters.                                                                                                                                                                                                                                  |
| Shoes               | Safety shoes.                                                                                                                                                                                                                                                         |
| Clothing            | Labcoat. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.                                                                                                            |
| Engineering control | Have safety showers and eyewash stations in the workplace in case of an emergency and a ventilation system to maintain the level of concentrations in the air below the exposure limit values.                                                                        |

## SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES

|                                              |                                                       |
|----------------------------------------------|-------------------------------------------------------|
| <b>Physical state</b>                        | Solid.                                                |
| <b>Appearance</b>                            | Poudre cristalline de couleur blanche.-               |
| <b>Odour</b>                                 | inodore.                                              |
| <b>Odour threshold</b>                       | Data not available                                    |
| <b>pH</b>                                    | Solution aqueuse 20% = pH 3.0 - 4.0.                  |
| <b>Melting point / Freezing point</b>        | 470°C (dec)                                           |
| <b>Initial boiling point</b>                 | 500 °C @ 102.3 kPa-                                   |
| <b>Boiling range</b>                         | Data not available                                    |
| <b>Flash point</b>                           | Data not available                                    |
| <b>Evaporation rate</b>                      | Data not available                                    |
| <b>Flammability</b>                          | No                                                    |
| <b>Lower flammable / Explosive limit</b>     | Data not available                                    |
| <b>Upper flammable / Explosive limit</b>     | Data not available                                    |
| <b>Vapour pressure</b>                       | Data not available                                    |
| <b>Vapour density</b>                        | Data not available                                    |
| <b>Relative density</b>                      | 4.53g/cm <sup>3</sup>                                 |
| <b>Solubility</b>                            | Soluble dans l'eau (50%). Peu soluble dans l'éthanol. |
| <b>Partition coefficient water/n-octanol</b> | Data not available                                    |
| <b>Auto-ignition temperature</b>             | Data not available                                    |
| <b>Decomposition temperature</b>             | Data not available                                    |
| <b>Viscosity</b>                             | Data not available                                    |

## SECTION 10 - STABILITY AND REACTIVITY

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                                                          | Oxidizer: risk of fire in case of contact with combustible / organic substance. May react violently with incompatible substances.                                                                                                                                                                                                                                        |
| <b>Chemical stability</b>                                                  | Stable under recommended storage conditions. Oxidizer: Fire hazard in case of contact with combustible / organic substance.                                                                                                                                                                                                                                              |
| <b>Possibility of hazardous reactions</b>                                  | Stable under normal conditions. May react violently with incompatible substances. Mixtures of nitrate with phosphorus, tin(II) chloride, or other reducing agents may react explosively.                                                                                                                                                                                 |
| <b>Conditions to avoid, including static discharge, shock or vibration</b> | Avoid dust formation. Avoid excessive heat. Reacts with combustible materials. Incompatible products.                                                                                                                                                                                                                                                                    |
| <b>Incompatible materials</b>                                              | Reducing agents, Organic materials, Metallic powders. Strong reducing agents (potassium, sodium, metal hydrides), carbon, hot coal, cyanides, tin chloride, hypophosphites, isothiocyanates, fine metal powders, nitrites, phosphinates, phosphorus, potassium acetate, combustible and organic products, easily oxidizable substances, thiocyanates, heat and moisture. |
| <b>Hazardous decomposition products</b>                                    | Hazardous decomposition products formed under fire conditions. - Nitrogen oxides (NOx), Lead oxides.                                                                                                                                                                                                                                                                     |

## SECTION 11 - TOXICOLOGICAL INFORMATION

## LEAD(II) NITRATE

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Routes of exposure</b>                        | Ingestion and inhalation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Acute exposition effects / symptoms:</b>      | By exposure route below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>- Eyes</b>                                    | Irritation and may cause inflammation of the conjunctiva.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>- Skin</b>                                    | Irritation and dermatitis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>- Inhalation</b>                              | Irritation of the mucous membranes and respiratory tract. Nervous disorders, chest pain, cough, dyspnea, headache, dizziness, convulsions, fever, nausea and vomiting.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Acute toxicity (Ingestion)</b>                | Irritation of the mucous membranes. Abdominal pain, cramps, diarrhea, headache, dizziness, sweating, salivation, nausea and vomiting, anemia, tubular nephritis and possible hepatotoxicity, convulsions, hypertension, circulatory collapse, unconsciousness, coma and can lead to death.                                                                                                                                                                                                                                                                |
| <b>Chronic exposure effects / symptoms</b>       | Burning sensation, dermatitis, conjunctivitis, liver and kidney damage, chest pain, cough, dyspnea, headache, dizziness, confusion, irritability, tremors, encephalopathy (especially in children), metallic taste in the mouth, impaired concentration, sweating, salivation, fever, fatigue, anemia, weight loss and loss of appetite, seizures, nausea and vomiting. Prolonged exposure may cause reproductive abnormalities and teratogenic effects in the fetus. Is recognized as probably carcinogenic agent for humans (class 2A IARC) - Group 2A. |
| <b>DL50 (specify species and route of entry)</b> | LD50 Oral - Rat - 93 mg / kg Intravenous LD50 - Rat - 93 mg / kg Intraperitoneal LD50 - Mouse - 74 mg / kg                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>CL50 (specify species and route of entry)</b> | LC50 - Inhalation - Data not available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## SECTION 12 - ECOLOGICAL INFORMATION

|                                      |                                                                                                                                                                                                                                                                  |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b>                   | Toxicity to fish: LC50 - Oncorhynchus mykiss (rainbow trout) - 1.5 mg / l - 96.0 h LC50 - Cyprinus carpio (Carp) - 0.4 - 1.3 mg / l - 96.0 h Toxicity to daphnia and other aquatic invertebrates: EC50 - Daphnia magna (Great Daphnia) - 0.5 - 2.0 mg / l - 48 h |
| <b>Persistence and degradability</b> | May persist based on information provided.                                                                                                                                                                                                                       |
| <b>Bioaccumulative potential</b>     | Data not available.                                                                                                                                                                                                                                              |
| <b>Mobility in soil</b>              | Probable mobility in the environment due to its solubility in water.                                                                                                                                                                                             |
| <b>Other adverse effects</b>         | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product must not contaminate groundwater.                   |

## SECTION 13 - DISPOSAL CONSIDERATIONS

|                               |                                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste Disposal Method</b>  | Dispose of contents and container in accordance with local, regional and national regulations, or contact a specialist waste disposal company. |
| <b>Contaminated Packaging</b> | Dispose of as unused product.                                                                                                                  |

## SECTION 14 - TRANSPORT INFORMATION

|                                   |                                                  |
|-----------------------------------|--------------------------------------------------|
| <b>UN Number</b>                  | 1469                                             |
| <b>UN Proper shipping name</b>    | NITRATE DE PLOMB                                 |
| <b>Transport hazard class(es)</b> | 5.1 Oxidizing substances<br>6.1 Toxic substances |
| <b>Packing group</b>              | II                                               |
| <b>Limited quantity index</b>     | 1kg                                              |
| <b>ERAP Index</b>                 | -                                                |
| <b>Special precautions</b>        | -                                                |

## SECTION 15 - REGULATORY INFORMATION

|              |                                                                                                                                                                                                                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WHIMS CANADA | <p>Oxidizing solids category 2</p> <p>Acute toxicity - Oral category 4</p> <p>Acute toxicity - Inhalation category 4</p> <p>Serious eye damage/eye irritation - Serious eye damage category 1</p> <p>Reproductive toxicity category 1A</p> <p>Specific Target Organ Toxicity - Repeated exposure category 2</p> <p>Carcinogenicity category 1B</p> |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 16 - OTHER INFORMATION

### Further information

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It does not represent any guarantee of the properties of the product. Laboratoire MAT Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

Last Update: 6/12/2024