

LEAD NITRATE EXTRA PURE

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2.2. □□□□□□ □□ □□□□ □□

□□ (EC) No. 1272/2008 □□ □□ □□[CLP]

□□ □□ □□□□(CLP)

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GHS03



GHS07



GHS08



GHS09

□□□ (CLP)

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□□·□□ □□ (CLP)

: H272 - □□□ □□□□ □; □□□.

H302+H332 - □□□□ □□□□ □□□□□.

H360 - □□ □□ □□□□□ □□□ □□ □□.

H373 - □□□ □□ □□ □□□□ □□ □□□ □□□ □□□.

H410 - □□□ □□□ □□ □□□□□□ □□ □□□.

□□ □□ □□(CLP)

: P273 - □□□□ □□□□ □□□.

P301+P312 - □□ □□: □□□□ □□□ □□ □□ □□ □□ □□ □□ □□□.

P304+P340 - □□□□ □□□ □□□ □□ □□□ □□□ □□ □□□ □□□ □□□.

P308+P313 - □□□□□ □□□ □□□ □□: □□□ □□·□□□ □□□□.

2.3. □□ □□

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

□□ 3: □□□□□ □□ □□□□

3.1. □□□□

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□□	□□□□	%
LEAD NITRATE	CAS □□: 10009-74-8 EC □□: 233-245-9 EC □□ □□: 082-001-00-6	100

□□ 4: □□□□□□

4.1. □□□□ □□

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: □□□ □□□ □□ □□□ □□□ □□□ □□ □□□ □□□ □□□□. Give oxygen or artificial respiration if necessary. If you feel unwell, seek medical advice. □□□□ □□□ □□□□(□□)□ □□□ □□□□.

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First-aid measures for first aider

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4.2. □□ □□ □□□□ □□ □□□□ □□ □□□□

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: None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

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: None under normal conditions. Dust from this product may cause eye irritation.

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LEAD NITRATE EXTRA PURE

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

□□ □□ : □ □□□ □□□□ □□□□, □□□□ □□□□ □□□□. □□ □□□□ □□ □□(□) □□□□ □□□□. □□□□ □□□□ □□□□ □. □□ □□. Always wash hands after handling the product.

7.2. □□□□ □□□□ □□□□ □□ □□ □□

□□□□ □□ : Keep in a cool, well-ventilated place away from heat.
□□ □□ : Store in original container. □□□□ □□□□□□. □□□□ □□□□□□□□. □□□□□□ □□ □□□□□□.
□□□□ □□ □□ : □□□□ □□.
□□□□ : Store always product in container of same material as original container.

7.3. □□ □□ □□ □□

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□□ 8: □□□□ □ □□□□□□□

8.1. □□ □□ □□ □□

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8.2. □□□□□

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□□□□ □□□□ □□:
Ensure good ventilation of the work station.
□□ □□□□
□□ □□□□:
Wear recommended personal protective equipment.
□□ □□ □□ □□□□:



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□ □ □ □:
Chemical goggles or safety glasses

Skin protection

□□ □□:
Wear a mask

□ □ □ □:
Protective gloves

□□□□ □□
□□□□ □□□□:
Wear appropriate mask

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□□ 9: □□□□□□ □□ □□

9.1. □□□□ □□□□□□ □□□□ □□ □□ □□

□□□□ □□ : □□
□□ : White crystalline.
□□ : Crystalline powder.
□□□□ : 331.21 g/mol
□□ : Odourless.

LEAD NITRATE EXTRA PURE

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

□□ □□	:	□□□□
□□□	:	470 °C (decomposes)
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□□ □□□□ □□□ □□	:	□□□□
□□□	:	□□□
□□□	:	The substance or mixture is classified as oxidizing with the subcategory 2.
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□□ □□□	:	□□□□
□□□	:	□□□□
□□□□ □□	:	□□□□
□□ □□	:	□□□□
pH	:	3 – 4 at 25 °C
pH □□□ □□	:	20 %
□□(□□□)	:	□□□□
□□□	:	□: 597 g/l at 25 °C - Soluble
Partition coefficient n-octanol/water (Log Kow)	:	□□□□
□□□	:	□□□□
50°C□□□ □□□	:	□□□□
□□	:	4.53 g/cm ³
□□	:	□□□□
20°C□□□ □□ □□ □□	:	11
Particle size	:	□□□□

9.2. □ □□ □□□□

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□□ 10: □□□ □ □□□

10.1. □□□

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10.2. □□□ □□□

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10.3. □□ □□□ □□□

No dangerous reactions known under normal conditions of use.

10.4. □□□ □ □□

□□□□. Overheating. Open flame. □. Sparks. □□□ □□□ □□□ □□□□. □□, □□□, □□□□ □□ □□□□□□.

10.5. □□□ □ □□

Combustible materials.

10.6. □□□ □□□□ □□□□

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

□□ 11: □□□ □□ □□

11.1. □□ (EC) No 1272/2008 □ □□□, □□□ □□□ □□ □□

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		pH: 3 – 4 at 25 °C
□□ □ □□ □□ □□□	:	□□□□ □□
		pH: 3 – 4 at 25 °C

LEAD NITRATE EXTRA PURE

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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- □□□□ □□ (1□ □□) : □□□□ □□
- □□□□ □□ (□□ □□) : □□□□ □□ □□ □□ □□ □□□□ □□□ □□□ □□□ □□□.
- □□ : There are potential chronic health effects to consider
- □□□□ : □□□□ □□

LEAD NITRATE EXTRA PURE (10009-74-8)	
□□(□□□)	□□□□

11.2. □□ □□ □□

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□□ 12: □□□□ □□□□ □□

12.1. □□

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- □□□□ □□□□ : □□□□ □□□ □□ □□□□□□ □□ □□□.

12.2. □□□ □ □□□□

LEAD NITRATE EXTRA PURE (10009-74-8)	
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12.3. □□ □□□□

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12.4. □□ □□□□

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12.5. PBT □ vPvB □□ □□

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12.6. □□□ □□ □□

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12.7. □□ □□ □□

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□□ 13: □□□□ □□□□

13.1. □□□ □□□

- □□(□□□) : Disposal must be done according to official regulations.
- □□□□ : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- □□ □□ □□ : Disposal must be done according to official regulations.
- /□□ □□ □□□□ : □□, □□, □□ □/□□ □□ □□□ □□ □□□□ □□ □□ □□□□ □□□□ □□□□.
- □□□□ : Disposal must be done according to official regulations.
- □□ : Do not re-use empty containers.

LEAD NITRATE EXTRA PURE

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

□□ 14: □□□ □□□ □□

ADR / IMDG / IATA / ADN / RID □□ □□

14.1. UN □□ □□ ID □□

UN-□□(ADR) : UN 1469
UN-□□ (IMDG) : UN 1469
UN-□□(IATA) : UN 1469
UN-□□(ADN) : UN 1469
UN-□□(RID) : UN 1469

14.2. UN □□ □□□

□□ □□□ (ADR) : □□ □
□□ □□□ (IMDG) : LEAD NITRATE
□□ □□□ (IATA) : Lead nitrate
□□ □□□ (ADN) : □□ □
□□ □□□ (RID) : □□ □
□□ □□ □□ (ADR) (ADR) : UN 1469 □□ □, 5.1 (6.1), II, (E), □□□ □□
□□ □□ □□ (IMDG) : UN 1469 LEAD NITRATE, 5.1 (6.1), II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
□□ □□ □□ (IATA) : UN 1469 Lead nitrate, 5.1 (6.1), II, ENVIRONMENTALLY HAZARDOUS
□□ □□ □□ (ADN) : UN 1469 □□ □, 5.1 (6.1), II, □□□ □□
□□ □□ □□ (RID) : UN 1469 □□ □, 5.1 (6.1), II, □□□ □□

14.3. □□□□□ □□□ □□

ADR

□□□□□ □□□ □□ (ADR) : 5.1 (6.1)
□□ □□ (ADR) : 5.1, 6.1
:



IMDG

□□□□□ □□□ □□ (IMDG) : 5.1 (6.1)
□□ □□ (IMDG) : 5.1, 6.1
:



IATA

□□□□□ □□□ □□ (IATA) : 5.1 (6.1)
□□ □□ (IATA) : 5.1, 6.1
:



ADN

□□□□□ □□□ □□ (ADN) : 5.1 (6.1)
□□ □□ (ADN) : 5.1, 6.1
:



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RID

□□□□□□□□ (RID) : 5.1 (6.1)
 □□□□ (RID) : 5.1, 6.1
 :



14.4. □□□□

□□□□ (ADR) : II
 □□□□(IMDG) : II
 □□□□ (IATA) : II
 □□□□(ADN) : II
 □□□□(RID) : II

14.5. □□□□□

□□□□□ : □□
 □□□□□□ : □□
 EmS-No. (□□) : F-A
 EmS-No. (□□) : S-Q
 □□□□□□□□ : □□□□□□□□

14.6. □□□□□□□□□□□□□□

□□□□ :
 □□□□(ADR) : OT2
 □□□(ADR) : 1kg
 □□□(ADR) : E2
 □□□□(ADR) : P002, IBC08
 □□□□ (ADR) : B4
 □□□□□□□□□□(ADR) : MP2
 □□□□□□□□□□□□□□ (ADR) : T3
 □□□□□□□□□□□□□□□□ (ADR) : TP33
 □□□□(ADR) : SGAN
 □□□□□□(ADR) : TU3
 □□□□□□□□ : AT
 □□□□(ADR) : 2
 □□□□□□□□□□ - □□□(ADR) : V11
 □□□□□□□□□□ - □□□, □□□□□□□□(ADR) : CV24, CV28
 □□□□□□□□(Kemler □□) : 56
 Orange plates (□□□□□□□□) :



□□□□□□□□ (ADR) : E
 EAC □□□□ : 1Y

□□□□ :
 □□□□(IMDG) : 1 kg
 □□□□(IMDG) : E2
 □□□□ (IMDG) : P002
 IBC □□□□(IMDG) : IBC08
 IBC □□□□ (IMDG) : B21, B4
 □□□□ (IMDG) : T3
 □□□□□□ (IMDG) : TP33
 □□□□ (IMDG) : A
 □□(IMDG) : SGG7, SGG9
 □□□□□□□□ (IMDG) : White crystals. Soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Toxic if swallowed, by skin contact or by dust inhalation.
 MFAG-□□□□ : 141

LEAD NITRATE EXTRA PURE

□□□□□□□□

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PCA □□ □□(IATA) : E2
PCA □□ □□(IATA) : Y543
PCA □□ □□ □□ □□□(IATA) : 1kg
PCA □□ □□(IATA) : 558
PCA □□ □□□(IATA) : 5kg
CAO □□ □□(IATA) : 562
CAO □□ □□□(IATA) : 25kg
ERG □□(IATA) : 5P

□□ □□ □□

□□ □□(ADN) : OT2
□□ □□(ADN) : 802
□□□(ADN) : 1 kg
□□□(ADN) : E2
□□ □□(ADN) : PP, EP
□□ □□/□□□ □□(ADN) : 2

□□ □□

□□ □□(RID) : OT2
□□ □□(RID) : 1kg
□□□(RID) : E2
□□ □□ (RID) : P002, IBC08
□□ □□ (RID) : B4
□□ □□ □□ □□ □□(RID) : MP2
□□□ □□ □ □□ □□□□ □□ (RID) : T3
□□□ □□ □ □□ □□□□ □□ □□ (RID) : TP33
RID □□□ □□ □□(RID) : SGAN
RID □□□ □□ □□(RID) : TU3
□□ □□(RID) : 2
□□ □□ □□ □□ - □□(RID) : W11
□□ □□ □□ □□ -□□, □□ □ □□(RID) : CW24, CW28
□□ □□□ : CE10
□□□ □□ □□ (RID) : 56

14.7. □□□□□□(IMO) □□ □□ □□ □□

□□□□

□□ 15: □□ □□□□

15.1. □□, □□ □ □□□ □□□□ □□□□ □□ □□ □□ □□/□□

EU □□

REACH □□□ XVII (□□ □□)

REACH □□□ XVII □□ □□

REACH □□□ XIV (□□ □□)

REACH □□□ XIV (□□ □□) □□ □□ □□

REACH □□ □□ □□ (SVHC)

REACH □□ □□□□ □□ □□ □□ □□

PIC □□ (□□□□□□)

PIC □□□ □□ □ □(□□ EU 649/2012)

POP □□ (□□□□ □□ □□□□)

POP □□□ □□ □ □(□□ EU 2019/1021)

Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

LEAD NITRATE EXTRA PURE

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

□□□□ □□(428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

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VOC ordinance (ChemVOCFarbV)

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WGK

: WGK 3, □□ □□ □□□ (Classification according to AwSV).

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: This product is subject to ChemVerbotsV Annex 2 Entry 1. The following requirements must be observed: authorization requirement (according to § 6 paragraph 1 sentence 1), basic requirements for carrying out the delivery (according to § 8 paragraph 1, 3 and 4), identification and documentation (according to § 9 paragraph 1 to 3) and exclusion of the shipping route (according to § 10).

□□ □□ □□(12. BImSchV)

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SZW-lijst van kankerverwekkende stoffen

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SZW-lijst van mutagene stoffen

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SZW-lijst van reprotoxische stoffen – Borstvoeding

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SZW-lijst van reprotoxische stoffen – Vruchtbaarheid

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SZW-lijst van reprotoxische stoffen – Ontwikkeling

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No chemical safety assessment has been carried out

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ACGIH	American Conference of Government Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	□□ □□ □
BOD	Biochemical oxygen demand (BOD)
CAS □□	□□□□ □□ □□ □□(CAS)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	□□□ □□ □□□□
CSA	□□ □□ □□□ □□
DMEL	Derived Minimal Effect level
DNEL	□□ □□□ □□
EC □□	□□ □□□ □□

LEAD NITRATE EXTRA PURE

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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EC50	Median effective concentration
ED	□□□ □□□□
EN	□□ □□
EWC	European waste catalogue
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
Log Kow	Partition coefficient n-octanol/water (Log Kow)
Log Pow	Partition coefficient n-octanol/water (Log Pow)
MAK	maximum workplace concentration
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	□□□ □□ □□
OSHA	Occupational Safety & Health Administration
PBT	Persistent Bioaccumulative Toxic
PNEC	□□ □□□ □□
PPE	□□ □□□
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	□□□□□□□□
STP	Sewage treatment plant
TF	□□□ □□
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TWA	Time Weighted Average
COV	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
UFI	□□ □□ □□□

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LEAD NITRATE EXTRA PURE

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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H272	□□□ □□□□ □; □□□.
H302	□□□ □□□.
H332	□□□□ □□□.
H360	□□ □□ □□□□□ □□□ □□□ □ □□.
H373	□□□ □□ □□ □□□□ □□□ □□□ □ □□.
H410	□□□ □□□ □□ □□□□□□ □□ □□□.

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