

Safety data sheet

according to 1907/2006/EC, Article 31 & 2020/878/EC

Printing date 23.03.2026

Version number 1

Revision: 23.03.2026

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

· Trade name: **Poudre d'Alumine-Alumina powder**

· CAS Number:

1344-28-1

· EC number:

215-691-6

· Registration number 17-2119921087-41-xxxx

· 1.2 Relevant identified uses of the substance or mixture and uses advised against

· Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations on industrial sites

· Application of the substance / the preparation : Substance

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

S.N.L - Société Nouvelle du Littoral

Z.A. - BP9 11370 LEUCATE (France)

Tel : +33 (0) 4 68 40 14 05 - Fax : +33 (0)4 68 40 92 72 - Email : contact@s-n-l.fr

· 1.4 Emergency telephone number:

France (INRS 24h/24) - Tel : +33 (0)1 45 42 59 59

Ireland - Tel : 00 353 1 8092568 - 00 353 1 8379964 (24h/24) EU Tel: 112

Belgium - Brüssel: +32 070/245 245

UK : Call NHS 999 in a medical emergency. If you urgently need medical help or advice but it's not a life-threatening situation, call 111 (24/7). The NHS 111 number is currently only available in certain areas. If you're outside of these areas, you should call NHS Direct on 0845 4647

Swiss Toxicological Information Centre (Zürich) : +41 44 251 51 51 / www.toxi.ch.

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008 :

The substance is not classified, according to the C.L.P. regulation.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008 Not classified as hazardous

· Hazard pictograms Not classified as hazardous

· Signal word Not classified as hazardous

· Hazard statements Not classified as hazardous

· 2.3 Other hazards

The mixture shall not contain substances listed in accordance with Article 59(1) R.E.A.C.H as having endocrine disrupting properties, or be recognised as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in a concentration equal to or greater than 0.1%.

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

· Determination of endocrine-disrupting properties No further information available

GB

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SECTION 3: Composition/information on ingredients

- **3.1 Substances**
 - **CAS No. Description**
CAS: 1344-28-1 aluminium oxide
 - **Identification number(s)**
 - **EC number:** 215-691-6
-

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
 - **General information:** No special measures required.
 - **After inhalation:** No special measures are required
 - **After skin contact:** Generally the product does not irritate the skin.
 - **After eye contact:** Rinse opened eye for several minutes under running water.
 - **After swallowing:** Do not induce vomiting; call for medical help immediately.
 - **4.2 Most important symptoms and effects, both acute and delayed :**
No further relevant information is available.
 - **4.3 Indication of any immediate medical attention and special treatment needed :**
No further relevant information is available.
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SECTION 5: Firefighting measures

- **5.1 Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
 - **5.2 Special hazards arising from the substance or mixture :** No further relevant information available.
 - **5.3 Advice for firefighters**
 - **Protective equipment:** No special measures required.
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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures :** Not required
 - **For non-emergency personnel** No other relevant information available.
 - **For emergency responders** No other relevant information available.
 - **6.2 Environmental precautions:** No special measures required.
 - **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
 - **6.4 Reference to other sections :**
See Section 7 for information on safe handling.
See Section 8 for information on personal protective equipment.
See Section 13 for disposal information.
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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling :**
No special measures required.
Prevent formation of dust.

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- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s) :** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

CAS: 1344-28-1 aluminium oxide (50-100%)

WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *inhalable dust **respirable dust
MAK (Switzerland)	Short-term value: 24 a** mg/m ³ Long-term value: 3 a* ** mg/m ³ B*;*Oxid;**Rauch

· **Ingredients with biological limit values:**

CAS: 1344-28-1 aluminium oxide (50-100%)

BAT (Switzerland)	50 µg/g Kreatinin Medium: U Sampling time: c Parameter: Aluminium
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- **Additional information:**
The most current valid lists have been used as a basis for the production of this document.

· 8.2 Exposure controls

- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:**



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

- **Hand protection** No special measures required.
- **Gloves material :** Not applicable
- **Eye/face protection** No special measures required.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· **General Information**

- **Physical state** Solid
- **Form:** Powder

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· Colour:	White
· Odour:	Odourless
· Odour threshold:	Not determined
· Melting point/freezing point:	2,050 °C
· Boiling point or initial boiling point and boiling range	2977 °C
· Flammability	Product is not flammable.
· Lower and upper explosion limit	
· Lower:	Not determined
· Upper:	Not determined
· Flash point:	Not applicable
· Auto-ignition temperature:	Not applicable
· Decomposition temperature:	Not determined
· pH	Mixture is non-polar/aprotic.
· Viscosity:	
· Kinematic viscosity	Not applicable
· Kinematic:	Not applicable
· Dynamic:	Not applicable
· Solubility	
· water:	Insoluble.
· Partition coefficient n-octanol/water (log value)	Not determined
· Vapour pressure:	Not applicable
· Density and/or relative density	
· Density at 20 °C:	3.5-4 g/cm ³
· Relative density :	Not determined
· Vapour density :	Not applicable
· Particle characteristics	See section 3.
· 9.2 Other information :	
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Not determined
· Explosive properties:	Product does not present an explosion hazard.
· COV (USA) :	0.00 %
· Molecular weight	101,96 g/mol
· Change in condition	
· Evaporation rate :	Not applicable.
· Information with regard to physical hazard classes	
· Explosives	Not classified as hazardous
· Flammable gases	Not classified as hazardous
· Aerosols	Not classified as hazardous
· Oxidising gases	Not classified as hazardous
· Gases under pressure	Not classified as hazardous
· Flammable liquids	Not classified as hazardous
· Flammable solids	Not classified as hazardous
· Self-reactive substances and mixtures	Not classified as hazardous
· Pyrophoric liquids	Not classified as hazardous
· Pyrophoric solids	Not classified as hazardous

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· Self-heating substances and mixtures	Not classified as hazardous
· Substances and mixtures, which emit flammable gases in contact with water	Not classified as hazardous
· Oxidising liquids	Not classified as hazardous
· Oxidising solids	Not classified as hazardous
· Organic peroxides	Not classified as hazardous
· Corrosive to metals	Not classified as hazardous
· Desensitised explosives	Not classified as hazardous

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions :** No dangerous reactions known.
- **10.4 Conditions to avoid :** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

CAS: 1344-28-1 aluminium oxide

Oral	LD50	>5,000 mg/kg (rat)
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- **Primary irritant effect:**
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eyes:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**
- **Endocrine disrupting properties** Substance is not listed.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

CAS: 1344-28-1 aluminium oxide

LC50 48h	14.6 mg/l (fish)
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EC50 48h	38.2 mg/l (daphnia)
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- **12.2 Persistence and degradability** : No further relevant information available.
- **12.3 Bioaccumulative potential** : No further relevant information available.
- **12.4 Mobility in soil** : No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT**: Not applicable
- **vPvB**: Not applicable
- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects** : No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** : Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· 14.1 UN number or ID number	
· DOT, ADR, IMDG, IATA	none
· 14.2 UN proper shipping name	
· ADR, IMDG, IATA	none
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	none
· 14.4 Packing group	
· ADR, IMDG, IATA	none
· 14.5 Environmental hazards:	Not applicable
· 14.6 Special precautions for user	Not applicable
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable
· UN "Model Regulation":	none

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**
- **Regulated explosives precursors** Substance is not listed.
- **Regulated poisons** Substance is not listed.
- **Reportable explosives precursors** Substance is not listed.

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- **Reportable poisons** Substance is not listed.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** Substance is not listed.
- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**
Substance is not listed.
- **REGULATION (EU) 2019/1148**
- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**
Substance is not listed.
- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS** Substance is not listed.
- **Regulation (EC) No 273/2004 on drug precursors** Substance is not listed.
- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**
Substance is not listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Classification in accordance with Delegated Regulation (EU) 2023/1435 of 2 May 2023 adapting to technical and scientific progress for the 20th time GB CLP and amending Annex VI part 3 of Regulation (EC) 1272/2008.

Classification in accordance with Delegated Regulation (EU) 2024/197 of 19 October 2023 adapting to technical and scientific progress for the 21st time GB CLP and amending Annex VI part 3 of Regulation (EC) 1272/2008.

Classification in accordance with Delegated Regulation (EU) 2024/2564 of 19 June 2024 adapting to technical and scientific progress for the 22nd time GB CLP and amending Annex VI part 3 of Regulation (EC) 1272/2008.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2023/707.

· Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative