

**SAFETY DATA SHEET**

(according to CE regulation n°1907/2006 REACH)

BAIKALOX ALUMINA SUSPENSION BA15PS – BA15PSH**1- IDENTIFICATION OF THE PRODUCT AND THE COMPANY**

Product name : ALUMINA SUSPENSION BA15PS – BA15PSH
Chemical formula : Aluminium oxide in water suspension - $Al_2O_3 + H_2O$

Application(s) : Ceramics manufacturing
Polishing

Company name : BAIKOWSKI
Address : B.P. 501
74339 LA BALME DE SILLINGY CEDEX
France
Telephone : +33 (0)4.50.22.69.02
Fax : +33 (0)4.50.22.28.92
E-mail : sds@baikowskichimie.com

Supplier name : BAIKOWSKI

Emergency call numbers : France : ORFILA : +33 (0)1 45 42 59 59
Other countries : cf. section 16

2- DESCRIPTION

- Classification/Specific hazards : Not hazardous product according to CE criteria.
- Health effects : May cause irritation on skin and eyes.
- Physical and chemical hazards : No fire or explosion hazard.
- Eco hazards : No risk on environment.

3- COMPOSITION

Chemical name	N°EINECS	N°CAS	Concentration
Aluminium oxide in suspension	215-691-6	1344-28-1	20 – 80 %

- Hazardous impurities : None
- Hazardous compounds : None

4- FIRST AID MEASURES

- Inhalation : None.
- Skin contact : Flush with water.
- Eye contact : Flush with water IMMEDIATELY (at least 15 minutes) holding the eyelids open.
- Ingestion : Drink a lot of water.
Obtain medical advice.

5- FIRE FIGHTING MEASURES

- Extinguishing measures :
 - Appropriate : All the fire extinguishing agents.
 - Not recommended : None. In case of fire, use the closest extinguishing agents available.
- Specific hazards : None.

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- Individual precautions : Avoid skin contact.
Avoid eyes contact.
- Environmental precautions : Prevent from discharging the product in waters, soils or sewage.
- Clean-up : Sweep up.
- Disposal : Cf. section 13 Disposal considerations

7- HANDLING AND STORAGE*HANDLING :*

- Technical measures : No specific technical measure required.
- Precautions to be taken : Keep the container carefully closed.

STORAGE :

- Technical measures : No specific technical measure required.
- Storage conditions
 - Recommended : Storage temperature between 10 and 40°C.
- Packing conditions : Keep the container carefully closed.
Pack in plastic container or metal container with inside coating.
- Packing materials :
 - Recommended : Plastic container or metal container with inside coating.

8- EXPOSURE CONTROL/PERSONAL PROTECTION

- Technical measures
 - Exposure : None.
 - Atmosphere controls : None.
- Exposure limit values
 - Limit values (France) : None.
 - Limit values (USA / ACGIH) : None.
- Individual protections
 - Respiratory protection : None.
 - Hands protection : Wear appropriate strong protection gloves (neoprene, latex).
 - Eyes protection : Use safety goggles.
 - Skin protection : Use working clothes.

9- PHYSICAL AND CHEMICAL PROPERTIES*ASPECT :*

- Physical state : Liquid.
- Colour : White.
- Odour : None.
- pH (20°C) : 3 to 4,5 depending on the concentration 80% to 20 %
- Typical temperatures :
 - Boiling point : Same as water.
 - Melting point : Not applicable.
- Spark properties : Not applicable.
- Combustive properties : Not applicable.
- Density : 1.18 g/cc to 2.5 g/cc ; depending on the concentration 20 % to 80 %
- Solubility :
 - In water : Insoluble in water.
 - In organic compounds : Insoluble in organic compounds.

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- Stability Stable at room temperature.
- Hazardous reactions :
 - Conditions to be prevented : High temperature.
Blending with strong bases (risk of temperature increase)
 - Materials to avoid : Metals (iron)
 - Hazardous decomposition products : In presence of iron, risk of hydrogen formation.
No reaction with water, air, heat and oxidizers.

11- TOXICOLOGICAL INFORMATION

- Local effects : May cause skin and eyes irritation.
- High toxicity : No effect known as to this date.

12- ENVIRONMENTAL INFORMATION

- Mobility and dispersability in the environment : Insoluble product. Easy sedimentation.
- Persistence/degradation : Inert mineral product.
- Bioaccumulation : None.
- Ultimate target compartment : SOIL and SEDIMENTS.
- Ecotoxicity : No effect known.

13- DISPOSAL CONSIDERATIONS

PRODUCT RESIDUE : The wastes are not considered as hazardous materials according to decree n°2002-540 of April 18th 2002 regarding hazardous materials classification.

- Disposal : Dispose in respect of the local regulations.

USED PACKING :

- Decontamination / clean-up : Wash out generously.
- Destruction / disposal : Plastic containers can be re-used after decontamination.

14- FREIGHT INFORMATION

- ONU number : Not applicable.
- Packing group : Not applicable.
- Shipment designation : ALUMINA SUSPENSION
- International regulations :
 - Train / road (RID / ADR) : None.
 - Ship (OMI / IMDG) : None.
 - Airplane (OACI / IATA) : None.
- Other regulations :
 - France : Train / road (RTMD) : None.

REMARK : The regulatory prescriptions above are the ones in operation on the day of the sheet update.

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BAIKALOX ALUMINA SUSPENSION BA15PS – BA15PSH**15- SAFETY INFORMATION***LABELLING :*

- CE Regulations : Mandatory labelling of hazardous materials (auto-classification) :
NOT concerned.

NOTE :

The regulatory information in this section only recalls the main prescriptions specifically applicable to the MSDS related product.

Pay attention to the possible other existing regulations that come in addition to these prescriptions.

It is recommended to consult any local, national or international measures or considerations that should be applied.

16- OTHER INFORMATION

The modifications are pointed out with a bold vertical line on the text left margin.

This sheet is given in addition to the technical data sheets. The information contained herein is given in good faith, according to our up-to-date knowledge.

The use of this product for unusual applications may possibly present a risk.

The user must know and apply the regulation of his own activity and is responsible for the good use of this product in respect to the statutory information given in the sheet.

Emergency call numbers :

Trans-European – Nafleet International	+32-(0)3-575-5555
France / Roman Switzerland	+33-(0)6-11-07-32-81
Germany / Austria / German Switzerland	+49-(0)6232-130128
The Netherlands	+32-(0)3-575-0330
United Kingdom and Ireland	+44-(0)7071-223-738
USA Chemtrec International	+1-703-527-3887