

## SAFETY DATA SHEET

## Product : BAIKALOX SPINEL

## 1- IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product name : SPINEL BAIKALOX

Supplier name : BAIKOWSKI  
Address : B.P. 501  
74339 LA BALME DE SILLINGY CEDEX  
FRANCE

Telephone : (33) 04.50.22.69.02  
Fax : (33) 04.50.22.28.92

E-mail : sds@baikowskichimie.com

## 2- HAZARDS IDENTIFICATION

## MAINS EFFECTS :

- Health effects : May cause irritation of respiratory tract and eyes.
- Physical and chemical hazard : Not a fire or explosion hazard.
- Classification : Not a "hazard product" according to the CE criteria.

## 3- DESCRIPTION

Name	Chemical formula	Concentration	CAS
Spinel	$n\text{Al}_2\text{O}_3 \cdot \text{MgO}$ (n = 1 to 24)	100 %	1302-67-6

Hazard impurities : none.  
Hazard compounds : none.

## 4- FIRST AID MEASURES

- Inhalation : Move victim to fresh air.  
Obtain medical advice.
- Skin contact : Flush with water.
- Eyes contact : Flush IMMEDIATELY with water (at least 15 minutes) holding the eyelids open.  
Obtain medical advice.
- Ingestion : Flush the mouth with water.  
Obtain a medical advice.

## 5- FIRE FIGHTING MEASURES

Not a fire hazard. No special precautions are required.

## 6- ACCIDENTAL RELEASE MEASURES

- Individual precautions : Do not breathe the powder.  
Avoid contact with eyes.
- Environmental precautions : Not a hazard for environment.
- Clean-up : Vacuum and possibly flush with water.  
Eliminate according to the local regulation.

**SAFETY DATA SHEET****Product : BAIKALOX SPINEL****7- HANDLING AND STORAGE****HANDLING :**

- Technical measures : Use dust-tight containers.
- Precautions : Prevent accumulation of dust.

**STORAGE :**

- Technical measures : Use dust-tight containers.  
Use standard packing preferably plastic bags.  
Protect against humidity.

**8- EXPOSURE CONTROLS/PERSONAL PROTECTION**

- limit values :
  - Limit values (France) : VME : 10mg/m<sup>3</sup>
  - Limit values (USA / ACGIH) : TLV (TWA) : 10mg/m<sup>3</sup>
- Personal protection equipment : If required, use respiratory protection and chemical safety glasses.

**9- PHYSICAL AND CHEMICAL PROPERTIES****ASPECT :**

- Physical state : Powder.
- Colour : White.
- Odour : None.
- Melting temperature : > 2000°C
- Flash point : None.
- Solubility : Insoluble in water.

**10- STABILITY AND REACTIVITY**

- Stability : Refractory product.
- Hazardous reaction : None.  
Slightly soluble in acids and alcalies.

**11- TOXICOLOGICAL INFORMATION**

- Local effects : May cause irritation of respiratory tract and eyes.

**SAFETY DATA SHEET****Product : BAIKALOX SPINEL****12- ENVIRONMENTAL INFORMATION**

- Mobility : Insoluble, settles easily.
- Degradation : Inert mineral product.
- Bioaccumulation : None.
- Ecotoxicity : None.

**13- ELIMINATION**

**PRODUCT :** Can be eliminated with regular industrial washes.

**USED PACKING** Empty and possibly wash with water before recycling.

**REMARK :** Pay attention to eventual local regulation.

**14- FREIGHT INFORMATION**

- International regulation :
  - Train / road (RID / ADR) : NONE.
  - Ship (OMI / IMDG) : NONE.
  - Airplane (OACI / IATA) : NONE.
- Other regulation :
  - France : Train / road (RTMD) : NONE.

**15- SAFETY INFORMATION**

**LABELLING :** Not concerned by the labelling of hazard product.

**16- OTHER INFORMATION**

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 application 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 this sheet.

Nevertheless, this sheet is not exhaustive and the user must pay attention to other regulations relative to the storage or using of this product.