



## Safety Data Sheet

Dryocel 810 / 848 / 848HM

SDS Revision Date: 6/25/19

### Section 1: Chemical Product and Company Identification

#### 1.1 Product Identifier

##### Product Identity

Alternate References

Porocel Product Grouping Code

Activated Aluminium Oxide (non-fibrous)

3003132930

002

#### 1.2 Relevant Identified Uses of the Substance/Mixture and Uses Advised Against

##### Intended Use

Application Method

Adsorbent  
Anti-moisture agent  
Intermediate  
Preparation of catalysts  
Drier/ Catalyst  
Water treatment

#### 1.3 Details of Supplier of the Safety Data Sheet

##### Company Name

Porocel Industries, LLC  
10300 Arch Street Pike  
Little Rock, AR 72206 (USA)

##### Customer Service:

1-501-888-1357  
MSDS@porocel.com

##### Emergency CHEMTREC (USA):

Information Department:

(800)424-9300  
Health, Safety, & Environmental Department

### Section 2: Hazards Identification

#### 2.1 Product Classification

The product is not classified according to the Globally Harmonized System (GHS).

#### 2.2 Label Elements

**GHS Label Elements:** Not applicable.

**Hazard Pictograms:** Not applicable.

**Signal Word:** Not applicable.

**Hazard Statements:** Not applicable.

#### 2.3 NMIS Code

(Health: 0) (Fire: 0) (Reactivity: 0)

#### 2.4 NFPA Code

(Health: 0) (Fire: 0) (Reactivity: 0)

#### 2.5 Results of PBT and vPvB Assessment

**PBT:** Not Applicable

**vPvB:** Not Applicable

### Section 3: Composition/Ingredient Information

This product is considered a mixture.



<b>Dangerous components:</b>		
1344-28-1	aluminium oxide (non-fibrous)	94-100%
<b>Non-dangerous components:</b>		
7732-18-5	water, distilled, conductivity or of similar purity	≤6%

## Section 4: First Aid Measures

### 4.1 Description of First Aid Measures

**General:** No special measures required.

**Inhalation:** Supply fresh air; consult doctor in case of complaints.

**Eyes:** Rinse opened eye for several minutes under running water.

**Skin:** Generally the product does not irritate the skin.

**Ingestion:** If symptoms persist consult doctor.

### 4.2 Most Important Symptoms and Effects (Acute and Delayed)

**Overview:** No further relevant information available.

## Section 5: Fire Fighting Measures

### 5.1 Extinguishing Media

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### 5.2 Special Hazards Arising from the Substance/Mixture

No further relevant information available.

### 5.3 Advice for Fire-Fighters

No special measures required.

## Section 6: Accidental Release Measures

### 6.1 Personal Precautions

Not required.

### 6.2 Environmental Precautions

No special measures required.

### 6.3 Methods and Materials for Cleanup

Pick up mechanically.

## Section 7: Handling and Storage

### 7.1 Precautions for Safe Handling

No special measures required.

### 7.2 Conditions for Safe 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



Components with limit values that require monitoring at the workplace:	
1344-28-1 aluminium oxide (non-fibrous)	
PEL	Long-term value: 15*; 15** mg/m <sup>3</sup> *Total dust; ** Respirable fraction
REL	Long-term value: 10* 5** mg/m <sup>3</sup> *Total dust **Respirable fraction
TLV	Long-term value: 1* mg/m <sup>3</sup> as Al; *as respirable fraction

**Additional information:** The lists that were valid during the creation were used as basis.

## 8.2 Exposure Controls

**General Protective and Hygienic Measures:** The usual precautionary measures for handling chemicals should be followed.

**Respiratory:** Suitable respiratory protective device recommended. Not required.

**Eyes:** Safety glasses

**Skin:** Protective gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

## Section 9: Chemical and Physical Properties

<b>Appearance:</b>	Solid, white
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	Not determined
<b>pH:</b>	Not applicable
<b>Melting Point/Melting Range:</b>	2050 °C (3722 °F)
<b>Boiling Point/Boiling Range:</b>	Undetermined
<b>Flash Point:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable
<b>Flammability:</b>	Not determined
<b>Upper/Lower Explosive Limits:</b>	Not determined
<b>Vapor Pressure:</b>	Not applicable
<b>Vapor Density:</b>	Not applicable
<b>Density at 20 °C (68 °F):</b>	0.6 g/cm <sup>3</sup> (5.007 lbs/gal)
<b>Bulk Density at 20 °C (68 °F):</b>	700 kg/m <sup>3</sup>
<b>Relative Density:</b>	Not determined
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coefficient:</b>	Not determined
<b>Autoignition Temperature:</b>	Not determined
<b>Decomposition Temperature:</b>	Not determined
<b>Viscosity:</b>	Not applicable
<b>Solvent Content:</b>	
Organic Solvents:	0.0%
Water:	≤6 %
<b>Solids Content:</b>	94-100%

## Section 10: Stability and Reactivity

### 10.1 Chemical Stability



Thermal Decomposition: No decomposition if used according to specifications.

**10.2 Possibility of Hazardous Reactions**

No dangerous reactions known.

**10.3 Conditions to Avoid**

No further relevant information available.

**10.4 Incompatible Materials**

No further relevant information available.

**10.5 Hazardous Decomposition Products**

No dangerous decomposition products known.

**Section 11: Toxicological Information**

**11.1 Acute Toxicity**

**Primary Irritant Effect:**

On the Skin: No irritant effect.

On the Eye: No irritating effect.

**Sensitization:** No sensitizing effects known.

**Additional Toxicological Information:** The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**Carcinogenic Categories:**

<b>IARC (International Agency for Research on Cancer)</b>
None of the ingredients is listed.
<b>NTP (National Toxicology Program)</b>
None of the ingredients is listed.
<b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>
None of the ingredients is listed.

**Section 12: Ecological Information**

**12.1 Environmental Toxicity**

**Aquatic Toxicity:** No further relevant information available.

**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**

Not applicable.

**12.6 Other Adverse Effects**

No further relevant information available.

**Section 13: Disposal Information**

**Waste Treatment Methods:** Smaller quantities can be disposed of with household waste.



**Uncleaned Packagings:** Disposal must be made according to official regulations.

## Section 14: Transportation Information

<b>UN Number:</b>	Not Applicable
<b>UN Proper Shipping Name:</b>	Not Applicable
<b>Transport Hazard Class:</b>	Not Applicable
<b>Package Group:</b>	Not Applicable
<b>Marine Pollutant:</b>	No

## Section 15: Regulatory Information

### Sara:

Section 355 (extremely hazardous substances): None of the ingredients is listed.  
Section 313 (Specific toxic chemical listings): 1344-28-1 aluminium oxide (non-fibrous)  
TSCA (Toxic Substances Control Act): All ingredients are listed.

### Proposition 65:

Chemicals known to cause cancer: None of the ingredients is listed.  
Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.  
Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.  
Chemicals known to cause developmental toxicity: None of the ingredients is listed.

### Carcinogenic ategories:

EPA (Environmental Protection Agency): None of the ingredients is listed.  
TLV (Threshold Limit Value established by ACGIH): 1344-28-1 aluminium oxide (non-fibrous) A4  
NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.

**GHS label elements** Not applicable.

**Hazard pictograms** Not applicable.

**Signal word** Not applicable.

**Hazard statements** Not applicable.

**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.

### Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)