



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)

3003132730

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.



Dangerous components:		
1344-28-1	aluminium oxide (non-fibrous)	94-100%
Non-dangerous components:		
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

CO₂, 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 ³ *Total dust; ** Respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *Total dust **Respirable fraction
TLV	Long-term value: 1* mg/m ³ 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

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

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

UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Package Group:	Not Applicable
Marine Pollutant:	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)