



MULTIZORB (MultiZorb)  
SDS / MSDS

Date Revised: 01 APR 2016

Section 1 CHEMICAL PRODUCT and COMPANY IDENTIFICATION		
Trade Name:	Multizorb	CAS: 93763-70-3
Generic Name:	Perlite	
Chemical Name:	Amorphous Alumina Silicate	Formula: Mix
Manufacturer:	FireZorb International	Telephone: 519- 421-1400
Address:	1057 Parkinson Woodstock Ontario	<b>Emergency:</b> 519-870-5524
Section 2 HAZARD(S) IDENTIFICATION		
Hazardous Components:	None	
Precautionary Phrase P285:	In case of inadequate ventilation wear respiratory protection (dusk mask).	
Precautionary Phrase P260:	Avoid breathing dust.	
Precautionary Phrase P501:	Dispose of contents in accordance with local regulations.	
Section 3 COMPOSITION / INFORMATION ON INGREDIENTS		
INGREDIENT NAME	CAS NUMBER	% 100
Perlite – expanded	93763-70-3	15mg/m3 total dust
		10mg/m3 reparable dust
		10mg/m3 other N.A.
No detectable crystalline silica using x-ray diffraction and microscopic analysis		

<b>Section 4      FIRST AID MEASURES</b>	
Inhalation:	remove to fresh air, drink water to clear throat, blow nose to clear
Eyes:	flush eyes with water, if irritation persists consult a physician
Skin contact N.A.	Skin Absorption N.A.                      Ingestion N.A.
Persons sensitive to inert dust may experience coughing when exposed to heavy concentration of airborne material.	

<b>Section 5      FIRE FIGHTING MEASURES</b>	
Flash Point	None Flammable
Flash Point Limits	None Flammable
LEL:    None	UEL:    None
Extinguishing Media:	Not Applicable if unused
Special Note: This absorbent as well as all absorbents when over saturated with a flammable will create vapours and fumes, so clean up immediately.	

<b>Section 6      ACCIDENTAL RELEASE</b>	
Emergency Procedures – sweep up and place in container, and dispose of as any inert solid waste, prevent dust or avoid breathing by wearing proper fit tested dust mask.	

<b>Section 7      HANDLING AND STORAGE</b>	
Store in dry environment, seal torn bags, prevent from becoming wet for best use results.	

<b>Section 8      EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
Goggles or safety glasses	
Gloves are not required	
Respirator if required use n95 respirator mask.	
Ventilation sufficient ventilation at all times.	

<b>Section 9      PHYSICAL AND CHEMICAL PROPERTIES</b>	
Appearance and odour: white no odour	Boiling point: solid
Vapour point (mmhg): solid, vapour density (air=1) solid, Solubility in water = Insoluble	
Specific gravity (h2o=1), Natural = 2.28, expanded =0.08-0.20	
Melting point: 2400F	Evaporating rate = (butyl acetate = 1)

<b>Section 10      STABILITY AND REACTIVITY</b>	
Stability:	Stable
Conditions to avoid:	None
Incompatibility:	HYDROFLUORIC ACID
Hazardous Decomposition / by products:	None
Hazardous Polymerization:	Will not occur
Conditions to avoid:	None for designed use

**Section 11      TOXICOLOGICAL INFORMATION**

Exposure to prolonged dust by inhalation could cause a noncancerous lung disease.

**Section 12      ECOLOGICAL INFORMATION**

The product is considered inert used material contaminated may have significant differences and should be and should be treated by the SDS of product absorbed.

**Section 13      DISPOSABLE CONSIDERATIONS**

Contaminated material should be disposed of by provincial and federal regulations.

**Section 14      TRANSPORTATION INFORMATION**

D.O.T. Proper Shipping Name:	Perlite crude
Hazardous Classification:	Not classified
Reportable Quantities:	Not applicable
(North America Number)	Not applicable

**Section 15      REGULATORY INFORMATION**

RCRA Regulatory Information, RCRA This material is not considered as hazardous waste per 40 CFR 261

TSCA this material is listed in the TSCA inventory , and is not otherwise regulated by TSCA Sec 4 ,5,6,7 or 12

CERCLA Material is not reported under CERLA

Canada this product is listed under DSL

**Section 16 OTHER INFORMATION**

The product is coated with fire retardant invented by FireZorb International at a diluted rate of .10 to total product, for use of impregnation, product is clear liquid with no odour.

Toxicological Data: LC50 NA LD 50> 5000MG/kg based on aqueous phosphates

Health Hazards: No health hazards

Inhalation – NA                      SKIN - NA                      Eyes – NA

Based on the nature of this product and the result of toxicity studies which have been performed by the J. Simons Labs at Beirges – Wavre in Belgium, this fluid is to be considered as not being harmful or dangerous specific regulations are therefore not applicable.

This ABSORBENT PRODUCT BEING MULTIZORB IS A NONE W.H.I.M.I.S. regulated Product.

Special note any or all absorbents contaminated with a flammable should be cleaned up immediately and place flammables in a clearly marked container.

As of the date of preparation of this SDS, the material is believed to be accurate to comply with Federal, Provincial and State laws.

Although no warrant and presentation with respect to this information is given or intended always get current information from FireZorb web site.

Prepared and revised by Ron Porter FireZorb International.