

# SAFETY DATA SHEET

## MasterPozzolith 322

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000244040      Date of last issue: 07/28/2023  
Date of first issue: 01/09/2023

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### SECTION 1. IDENTIFICATION

Product name : MasterPozzolith 322  
Product code : 000000000051150023 000000000051150023  
Other means of identification : No data available

#### Manufacturer or supplier's details

Company name of supplier : Master Builders Solutions Canada Inc.  
Address : 1800 CLARK BLVD  
Brampton ON L6T 4M7  
Emergency telephone : ChemTel: +1-813-248-0585;  
National Emergency Telephone Number : USA: +1-800-255-3924 ChemTel contract no. MIS9240420

#### Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals  
Restrictions on use : Reserved for industrial and professional use.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the Hazardous Products Regulations

Eye irritation : Category 2A  
Skin sensitization : Category 1  
Short-term (acute) aquatic hazard : Category 3

#### GHS label elements

Hazard pictograms :



Signal Word : Warning  
Hazard Statements : H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H402 Harmful to aquatic life.  
Precautionary Statements : **Prevention:**  
P280 Wear protective gloves/ protective clothing/ eye protection/

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face protection.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P273 Avoid release to the environment.

P272 Contaminated work clothing should not be allowed out of the workplace.

P264 Wash face, hands and any exposed skin thoroughly after handling.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

**Disposal:**

P501 Dispose of contents/container to appropriate hazardous waste collection point.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical nature : No data available.

**Components**

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
2-phenylphenol (ISO)	[1,1'-Biphenyl]-2-ol	90-43-7	>= 0.1 - < 1
2,2'-iminodiethanol	Ethanol, 2,2'-iminobis-	111-42-2	>= 0.1 - < 1
Sodium hydroxide	Caustic soda	1310-73-2	>= 0.1 - < 1
calcium carbonate	Carbonic acid calcium salt (1:1)	471-34-1	>= 0 - <= 15
Calcium sulphate	Sulfuric acid, calcium salt (1:1)	7778-18-9	>= 0 - <= 15
2,2',2''-nitrilotriethanol	Ethanol, 2,2',2''-nitrilotris-	102-71-6	>= 0 - < 5
sodium-2-biphenylate	[1,1'-Biphenyl]-2-ol, sodium salt	132-27-4	>= 0 - < 1
dazomet	2H-1,3,5-Thiadiazine-2-thione, tetrahydro-3,5-dimethyl-	533-74-4	>= 0 - < 0.2

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potassium hydroxide	Potassium hydroxide (K(OH))	1310-58-3	$\geq 0 - < 0.2$
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### SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.  
Show this material safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : If on skin, rinse well with water.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.  
Causes serious eye irritation.
- Notes to physician : Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Foam  
Water spray  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : water jet
- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.
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### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapors/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.  
Protect from direct sunlight.
- Materials to avoid : No applicable information available.
- Further information on storage stability : No decomposition if stored and applied as directed.
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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis	
2,2',2"-nitrilotriethanol	102-71-6	TWA	5 mg/m <sup>3</sup>	CA AB OEL	
			TWA	5 mg/m <sup>3</sup>	CA BC OEL
			TWA	0.5 ppm 3.1 mg/m <sup>3</sup>	CA ON OEL
			TWAEV	5 mg/m <sup>3</sup>	CA QC OEL
2,2'-iminodiethanol	111-42-2	TWA	5 mg/m <sup>3</sup>	ACGIH	
			TWA	2 mg/m <sup>3</sup>	CA AB OEL
			TWA	2 mg/m <sup>3</sup>	CA BC OEL
			TWAEV (inhalable fraction and vapour)	1 mg/m <sup>3</sup>	CA QC OEL
calcium carbonate	471-34-1	TWA (Inhalable fraction and vapor)	1 mg/m <sup>3</sup>	ACGIH	
			TWAEV (total dust)	10 mg/m <sup>3</sup>	CA QC OEL
			TWA	10 mg/m <sup>3</sup> (Calcium carbonate)	CA AB OEL
			TWA (Total dust)	10 mg/m <sup>3</sup>	CA BC OEL
potassium hydroxide	1310-58-3	TWA (respirable dust fraction)	3 mg/m <sup>3</sup>	CA BC OEL	
			STEL	20 mg/m <sup>3</sup>	CA BC OEL
			(c)	2 mg/m <sup>3</sup>	CA AB OEL
			C	2 mg/m <sup>3</sup>	CA BC OEL
Sodium hydroxide	1310-73-2	C	2 mg/m <sup>3</sup>	CA QC OEL	
			C	2 mg/m <sup>3</sup>	ACGIH
			(c)	2 mg/m <sup>3</sup>	CA AB OEL
			(c)	2 mg/m <sup>3</sup>	CA AB OEL
			C	2 mg/m <sup>3</sup>	CA BC OEL
			C	2 mg/m <sup>3</sup>	CA BC OEL
			C	2 mg/m <sup>3</sup>	CA QC OEL
			C	2 mg/m <sup>3</sup>	CA QC OEL
Calcium sulphate	7778-18-9	C	2 mg/m <sup>3</sup>	ACGIH	
			C	2 mg/m <sup>3</sup>	ACGIH
			TWA (Inhalable)	10 mg/m <sup>3</sup>	CA BC OEL
		TWA	10 mg/m <sup>3</sup> (Calcium)	CA AB OEL	
		TWA (Inhalable particulate matter)	10 mg/m <sup>3</sup> (Calcium)	ACGIH	

Engineering measures : No applicable information available.

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**Personal protective equipment**

- Respiratory protection : Wear appropriate certified respirator when exposure limits may be exceeded.  
Use NIOSH approved respiratory protection.
- Hand protection
- Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.
- Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Protective measures : Do not inhale gases/vapours/aerosols.  
Avoid contact with the skin, eyes and clothing.  
Avoid exposure - obtain special instructions before use.  
Handle in accordance with good building materials hygiene and safety practice.  
Wearing of closed work clothing is recommended.
- Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : liquid
- Color : No applicable information available.
- Odor : musty
- pH : 5.0 - 9.5
- Melting point : No applicable information available.
- Freezing point : No applicable information available.
- Boiling point : No applicable information available.
- Flash point : A flash point determination is unnecessary due to the high water content.

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Evaporation rate : No applicable information available.

Flammability (solid, gas) : not flammable

Upper explosion limit / Upper flammability limit : No applicable information available.

Lower explosion limit / Lower flammability limit : No applicable information available.

Vapor pressure : No applicable information available.

Relative vapor density : No applicable information available.

Relative density : No applicable information available.

Density : approx. 1.2 g/cm<sup>3</sup> (20 °C)

Solubility(ies)  
Water solubility : completely soluble (20 °C)

Solubility in other solvents : No applicable information available.

Partition coefficient: n-octanol/water : No applicable information available.

Autoignition temperature : No data available

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity  
Viscosity, dynamic : No applicable information available.

Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive  
Not explosive

Oxidizing properties : not fire-propagating

Sublimation point : No applicable information available.

Molecular weight : No data available

Metal corrosion rate : No corrosive effect on metal.

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

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Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.

Conditions to avoid : See SDS section 7 - Handling and storage.

Incompatible materials : Strong acids  
Strong bases  
Strong oxidizing agents  
Strong reducing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Respiratory or skin sensitization

##### Skin sensitization

May cause an allergic skin reaction.

##### Respiratory sensitization

Not classified based on available information.

##### Germ cell mutagenicity

Not classified based on available information.

##### Carcinogenicity

Not classified based on available information.

##### Reproductive toxicity

Not classified based on available information.

##### STOT-single exposure

Not classified based on available information.

##### STOT-repeated exposure

Not classified based on available information.

##### Aspiration toxicity

Not classified based on available information.

##### Further information

##### Product:

Remarks : The product has not been tested. The statement has been



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derived from the properties of the individual components.

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Product:

#### Ecotoxicology Assessment

Acute aquatic toxicity : Harmful to aquatic life.

#### Persistence and degradability

No data available

#### Bioaccumulative potential

No data available

#### Mobility in soil

No data available

#### Other adverse effects

##### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with national, state and local regulations.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

Not regulated as a dangerous good

##### IATA-DGR

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Not regulated as a dangerous good

### IMDG-Code

Not regulated as a dangerous good

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### Domestic regulation

### TDG

Not regulated as a dangerous good

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## SECTION 15. REGULATORY INFORMATION

### The ingredients of this product are reported in the following inventories:

TSCA : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

DSL : All components of this product are on the Canadian DSL

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## SECTION 16. OTHER INFORMATION

### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
CA AB OEL : Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)  
CA BC OEL : Canada. British Columbia OEL  
CA ON OEL : Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.  
CA QC OEL : Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants  
ACGIH / TWA : 8-hour, time-weighted average  
ACGIH / C : Ceiling limit  
CA AB OEL / TWA : 8-hour Occupational exposure limit  
CA AB OEL / (c) : ceiling occupational exposure limit  
CA BC OEL / TWA : 8-hour time weighted average  
CA BC OEL / STEL : short-term exposure limit  
CA BC OEL / C : ceiling limit  
CA ON OEL / TWA : Time-Weighted Average Limit (TWA)  
CA QC OEL / TWAEV : Time-weighted average exposure value  
CA QC OEL / C : Ceiling

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA

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- International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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