

# WSW

# TRIPLE ZEOLITE



## Section 1: Identification

*Product identified:* Triple Z Zeolite  
Clinoptilolite – Natural  
Zeolite CAS No. 1318-02-1

*Restrictions on use or sale:* 1420 S. Bon View Ave.  
*Company:* Ontario, California 91761

Phone: 800-325-6851

Website: [www.wswcorp.com](http://www.wswcorp.com)

Email at: [info@wswcorp.com](mailto:info@wswcorp.com)

*Emergency telephone number:* 800-325-6851

## Section 2: Hazard Identification

*Regulation (EU) No 1272/2008*

*GHS regulations:* Not classified as hazardous.

*CLP regulation:* Not classified as hazardous.

*Directive 67/548/EEC:* Not applicable

*Directive 1999/45/EC:* Not applicable

*Classification system:* The classification is according to the latest editions of the EU-lists and extended by company literature data. The classification is in accordance with the latest editions of international substances lists and is supplemented by information from technical literature.

*Label elements:*

*Regulation (EC) No 1272/2008:* Not regulated

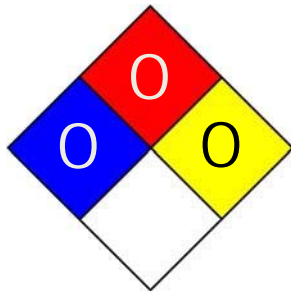
*Hazard pictogram:* Not regulated

*Signal word:* Not regulated

*Hazard determining components:* None

*Hazard statements:* Not regulated

*NFPA Hazard Rating (Scale 0 to 4)*



Health (Blue)	0	No precaution necessary. Flammability
(Red)	0	Non combustible.
Reactivity (Yellow)	0	Not reactive when mixed with water. Special (White)
	None	

HMIS Hazard Rating (Scale 0 to 4)

<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>

Health (Blue)	0	No significant health risk.
Flammability (Red)	0	Will not burn.
Reactivity (Yellow)	0	Will not react, polymerize, decompose, condense, or self react. Non-explosive.

*PBT and vPvB Assessment:* PBT Not applicable.  
vPvB Not applicable.

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**Section 3: Composition/Information on ingredients**

*Dangerous components:* None in reportable quantities

<i>Chemical and common name</i>	<i>Wt. %</i>	<i>CAS Registry</i>	<i>EINECS</i>
Clinoptilolite (natural zeolite)	90-97	12173-10-3	215-283-8
Water	3-10	7732-18-5	231-791-2

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**Section 4. First Aid Measures**

*General:* No special measures required.  
*After inhalation:* Supply fresh air; consult doctor in case of complaints.  
*After skin contact:* Clean with water and soap. If skin irritation is experienced, consult a doctor.  
*After eye contact:* Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.  
*After swallowing:* Rinse out mouth and then drink plenty of water. Do not induce vomiting. Treat symptomatically.

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**Section 5. Fire-Fighting Measures**

*Suitable extinguishing media:* Noncombustible  
*Extinguishing media:* Compatible with all extinguishing media  
*Unusual hazards:* None known

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**Section 6. Accidental Release Measures**

*Personal precautions:* Avoid dust      *Environmental precautions:* No special measures required.  
*Protection equipment:* Safety glasses  
*Spills cleanup:* Pick up mechanically and place in a suitable container. Avoid generating dust.

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**Section 7. Handling and Storage**

*Safe handling:* Avoid contact with eyes, skin, and clothing. Avoid generating and breathing dust.  
*Safe storage:* No special requirements.

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**Section 8. Exposure Controls and Personal Protection**

*Limit values:* Does not contain any relevant quantities of materials with critical values that have to

be monitored in the workplace.  
*DNEL:* No further information available.  
*DNEC:* No further information available.  
*General protection:* Use in a well ventilate workplace. Avoid generating and contacting dust.  
*Eye protection:* Wear safety glasses.



*Respiratory protection:* Not necessary in well-ventilated area.  
*Skin protection:* Wear protective gloves against mechanical hazards according to NIOSH or EN 388.  
*Body protection:* Not required under normal conditions of use.

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## Sections 9. Physical and Chemical Properties

*Appearance:* Light tan to light green solid (powders and granules).  
*Odor:* Odorless.  
*Odor threshold:* Not determined.  
*pH values:* Not applicable.  
*Change in condition:* Melting point/melting range: Not determined  
Boiling point/boiling range: Not determined  
*Flash point:* Not applicable. Will not burn.  
*Evaporation rate:* Not applicable; does not evaporate.  
*Flammability (solid, gas):* Not flammable  
Upper/lower limits: Not applicable  
*Danger of explosion:* Does not present and explosive hazard.  
Upper/lower limits: Not applicable  
*Vapor density:* Does not apply. Does not evaporate.  
*Relative density:* Not determined  
*Solubility:* Water Insoluble  
Alcohol Insoluble  
*Partition coefficient:* Not applicable (insoluble in n-octanol and water)  
*Auto ignition temperature:* Will not auto ignite.  
*Decomposition temperature:* Not determined.  
*Viscosity:* Not applicable - solid.

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## Section 10. Stability and Reactivity

*Chemical stability* Stable if used as intended.  
*Thermal stability:* Stable if used as intended.  
*Hazardous reaction:* None known.  
*Conditions to avoid:* No further information available. *Materials to avoid:* None known  
*Hazardous decomposition:* None known.

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## Section 11. Toxicological Information

*Toxicological:* When used and handled according to instructions, the product does not have any

	harmful effects based upon our experience.
<i>Sensitization:</i>	No sensitizing effects known.
<i>General EU Guidelines:</i>	Not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
<i>NTP</i>	Not listed in the National Toxicological Program <i>Report on Carcinogens</i> , 2011.
<i>IARC</i>	International Agency for Research on Cancer <i>MONOGRAPHS VOLUME 68</i> : clinoptilolite cannot be evaluated as to the carcinogenicity to humans (Group 3).

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## Section 12. Ecological Information

<i>Toxicity:</i>	No known toxicity to plants or animals.
<i>Environmental fate</i>	Inorganic material does not decompose and is not eliminated from environment by means of biological cleaning processes.
<i>Bioaccumulation:</i>	Does not bio accumulate in animal or plants.
<i>Mobility in soil:</i>	Not mobile.

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## Section 13. Disposal Consideration

<i>Classification:</i>	Not a RCRA Hazardous Waste.
<i>Disposal method:</i>	Small uncontaminated quantities can be disposed of with household waste. Dispose in accordance with federal, state (provincial), and local regulations.

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## Section 14. Transportation Information

<i>UN Number:</i>	DOT, ADR, ADN, IMDG, IATA:	Not Regulated
<i>UN Proper Shipping Name:</i>	DOT, ADR, ADN, IMDG, IATA:	Not Regulated
<i>Transport Hazard Class:</i>	DOT, ADR, ADN, IMDG, IATA:	Not Regulated
<i>Packing Group:</i>	DOT, ADR, IMDG, IATA:	Not Regulated
<i>Marine pollutant:</i>	No.	
<i>Proper shipping name:</i>	Non-Hazardous for Transport.	
<i>Hazard Symbol:</i>	None required.	
<i>Hazard Id Number (HIM):</i>	None.	

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## 15. Regulatory Information

### United States

*SARA 355:* Extremely hazardous substances: None of the ingredient listed. *SARA 313:*  
Specific toxic chemical listings: None of the ingredients listed. *TSCA:* All of  
the ingredient are listed.

*California Prop 65:* Known to cause cancer: None of the ingredients is listed. Known to cause  
reproductive toxicity: None of the ingredients is listed. Known to cause developmental toxicity:  
None of the ingredients is listed.

*Carcinogen categories:* EPA None of the ingredients is listed.  
IARC None of the ingredients is listed.  
TLV by ACGHI None of the ingredients is listed.  
NIOSH-Ca None of the ingredients is listed.

*Canada:* Domestic Substances List (DLS) All ingredients are listed.

	Ingredients Disclosure List (limit 0.1%)	None of the ingredient is listed. Ingredients
	Disclosure List (limit 1%)	None of the ingredient is listed.
<i>REACH, Article 57:</i>	Substances of very high concern (SVHC)	None of the ingredient is listed.
<i>Chemical Safety Assessment:</i> A Chemical Safety Assessment has not been carried out.		

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## 15. Other information

<i>Abbreviations:</i>	American Conference of Governmental Industrial Hygienists
<i>ACGIH</i>	European Agreement concerning the International Carriage of Dangerous Goods by Road European
<i>ADR</i>	Agreement concerning the International Carriage of Dangerous Goods by Inland
<i>ADN</i>	Waterways
	Chemical Abstracts Service (division of the American Chemical Society)
<i>CAS</i>	Classification, Labeling, and Packaging Regulation (EC) No 1272/2008
<i>CLP</i>	Derived No-Effect Level (REACH)
<i>DNEL</i>	US Department of Transportation
<i>DOT</i>	Domestic Substance List
<i>DSL</i>	European Inventory of Existing Commercial Chemical Substances
<i>EINECS</i>	European List of Notified Chemical Substances
<i>ELINCS</i>	Environmental Protection Agency
<i>EPA</i>	Globally Harmonized System of Classification and Labeling of Chemicals
<i>GHS</i>	Hazardous Materials Identification System (USA)
<i>HMIS</i>	International Agency of Research on Cancer
<i>IARC</i>	International Air Transport Association
<i>IATA</i>	International Maritime Code for Dangerous Goods
<i>IMDG</i>	National Institute of Occupational Safety and Health
<i>NIOSH</i>	National Fire Protection Association (USA)
<i>NFPA</i>	National Toxicological Program
<i>NTP</i>	Persistent, Bioaccumulative, and Toxic
<i>PBT</i>	Predicted No-Effect Concentration (REACH)
<i>PNEC</i>	Registration, Evaluation, Authorisation, and Restriction of Chemicals; (EC) 1907/2008
<i>REACH</i>	Resource Conservation and Recovery Act
<i>RCRA</i>	Superfund Amendment and Reauthorization Act
<i>SARA</i>	Substances of very high concern
<i>SVHC</i>	Toxic Substances Control Act
<i>TSCA</i>	Threshold Limit Value
<i>TLV</i>	Very persistent and very bioaccumulative
<i>vPvB</i>	Workplace Hazardous Materials Information System (Canada)
<i>WHMIS</i>	

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