

Northern Filter Media, Inc.

Zeolite Safety Data Sheet

Section 1: Identification

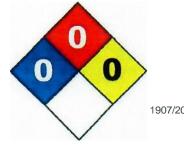
Product identified: Clinoptilolite - Natural Zeolite GAS No. 1318-02-1 Restrictions on use or sale: None Northern Filter Media, Inc. Company: 2509 Pettibone Ave Phone: 563-263-2711 Muscatine, Iowa 52761 Fax: 536-263-2857 Website: www.northernfiltermedia.com Emergency telephone number: 775-373-5415 Email: info@northernfiltermedia.com

Section 2: Hazard Identification

Regulation (EU) No 1272/2008			
GHS regulations:	Not classified as hazardous.		
CLP regulation:	Not classified as hazardous.		
Directive 671548/EEC:	Not applicable.		
Directive 1999145/EC:	Not applicable.		
Classification system:	The classification is according to the latest editions of the EU-lists and extended by company		
	Iterature data. The classification is in accordance with the latest editions of international		
	substances lists and Is supplemented by information from technical literature.		

Label elements:

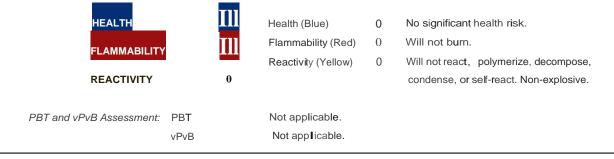
Regulation (EC) No 1272/2008:	Not regulated.
Hazard pictogram:	Not regulated.
Signal word:	Not regulated.
Hazard determining components:	Not regulated.
Hazard statements:	None.
NFPA Hazard Rating (Scale Oto4,) Not regulated.



I	Health (Blue)	0	No precaution necessary.	
I	Pammability (Red)	0	Non-combustible.	
l	Reactivity (Yellow)	0	Not reactive when mixed with w	vater.
:	Special (White)	None		
006/E	EC (REACH), 1272/200	8/EC (C	LP),and GHS	Page

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HMIS Hazard Rating (Scale O to 4)



Section 3: Composition/Information on ingredients

Dangerous components:	None in reportable	e quantities.	
Chemical and common name	Wt. %	CAS Registry	£/NECS
Clinoptilolite (naturalzeolite)	90-97	12 173-10 -3	215-283-8
Water	3-10	7732-18-5	231-79 1-2

Section 4. First Aid Measures

General:	No special measures required.
After inhalation:	Supply fresh air; consult doctor incase 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.
	lfsymptoms persist, consult a doctor.
After swallowing:	Rinse out mouth and then drink plenty of water. Do not induce vomiting. Treat symptomatically.

Section 5. Fire-Fighting Measures

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

Section 6, Accidental Release Measures

Personalprecautions:	Avoiddust-useNIOSHapprovedrespiratorwheredustoccurs.
Environmental precautions:	No special measures required.
Protection equipment:	Safety glasses or chemical goggles.
Spills cleanup:	Pick up mechanically and place in a suitable container - avoid generating dust.

Section 7. Handling and Storage

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

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 ventilated 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 EN388.

Not required under normal conditions of use.

Sections 9. Physical and Chemical Properties

Body protection:

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Appearance:	Light tan solid (powders and	granules).
Odor:	Odorless.	
Oder threshold:	Not determined.	
pH values:	Not applicable.	
Change in condition:	Melting point/melting range:	Not determined.
	Boiling point/boiling range:	Not determined.
Flashpoint:	Not applicable. Will not burn	I.
Evaporation rate:	Not applicable; does not ev	vaporate
Flammability (solid,gas):	Not flammable .	
	Upper/lower limits:	Not applicable.
Danger of explosion:	Does not present an explosiv	vehazard
	Upper/lowerlimits:	Not applicable.
Vapor density:	Does not apply. Does not ev	aporate.
Relative density:	Not determined	
Solubility:	Water	Insoluble.
	Alcohol	Insoluble.
Partition coefficient:	Not applicable (insoluble in n-o	ctanol and water).
Auto ignition temperature:	Will not auto ignite.	
Decomposition temperature:	Not determined.	
Viscosity:	Not applicable - solid	

Section 10. Stability and Reactivity

Chemical stability	Stable if used as intended
Thermal stability:	Stable if used as intended.
Hazardous reaction:	Possibility of hazardous reaction with strong acids and strong alkali.
Conditions to avoid	No further information available.
Materials to avoid:	Strong acids and strong bases.
Hazardous decomposition:	No further information available.

Section 11. Toxicological Information

Toxicological:

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

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

Section 12. Ecological Information

Toxicity:	No known toxicity to plants or animals.
Environmental fate	Inorganic material does not decompose and is not eliminated from environment by means of
	biological cleaningprocesses.
Bioaccumulation:	Does not bio-accumulate in animals or plants.
Mobility in soil:	Not mobile.

Section 13.Disposal Consideration

Classification:	Not a RCRA Hazardous Waste.	
Disposal method:	Dispose in accordance with federal,	state (provincial), and local regulations.

Section 14. Transportation Information

15. Regulatory Information

United States		
SARA 355:	Extremely hazardous substances:	None of the ingredients listed.
SARA 313:	Specific toxic chemical listings:	None of the ingredients listed.
TSCA:	All of the ingredients are listed.	
California Prop 65:	Known to cause cancer:	None of the ingredients listed.
	Known to cause reproductive toxicity:	None of the ingredients listed.
	Known to cause developmental toxicity:	None of the ingredients listed.
Carcinogen categories:	EPA	None of the ingredients listed.
	IARC	None of the ingredients listed.
	TLV by ACGHI	None of the ingredients listed.
	NIOSH-Ca	None of the ingredients listed.
	Ingredients Disclosure List (limit 0.1%)	None of the ingredients listed.
	Ingredients Disclosure List (limit 1%)	None of the ingredients listed.
REACH, Article 57:	Substances of very high concern (SVHC)None of the ingredients listed.	

SOS according to 1907/2006IEC (REACH), 127212008/EC (CLP), and GHS

Canada: CPR: (Canadian Controlled Products Regulations): This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: Not Controlled.

DSL / NDSL: (Canadian Domestic Substances List / Non-Domestic Substance List): Components of this product identified by CAS number are not listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notifications (NSN) regulations.

Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

16. Other Information

Safety Data Sheet:	
Approved by:	Conrad K. Wagenaar
Date:	January 11,2016
Abbreviations:	
ACG/H	American Conference of Governmental Industrial Hygienists
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AON	European Agreement concerning the International Carriage of Dangerous Goods
	by InlandWaterways
GAS	Chemical Abstracts Service (division of the American Chemical Society)
CLP	Classification, Labeling, and Packaging Regulation (EC) No 1272/2008
DNEL	Derived No-Effect Level (REACH)
DOT	USDepartment of Transportation
DSL	Domestic Substance List
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EPA	Environmental Protection Agency
GHS	Globally Harmonized System of Classification & Labeling of Chemicals
HMIS	Hazardous Materials Identification System (USA)
/ARC	International Agency of Research on Cancer
ΙΑΤΑ	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
NIOSH	National Institute of Occupational Safety and Health
NFPA	National Fire Protection Association (USA)
NTP	National Toxicological Program
PBT	Persistent, Bio-accumulative, and
PNEC	Toxic
REACH	Predicted No-Effect Concentration (REACH)
RCRA	Registration, Evaluation, Authorization, and Restriction of Chemicals; (EC) 1907/2008
SARA	Resource Conservation and Recovery Act
SVHC	Superfund Amendment and Reauthorization Act
TSCA	Substances of very high concern
TLV	Toxic Substances Control Act
vPvB	Threshold Limit Value
WHMIS	Very persistent and very bio-accumulative
	Workplace Hazardous Materials Information System (Canada)

The information on this Safety Data Sheet is believed to be accurate and is the best information available to Northern Filter Media, Inc. This document is intended only as a guide to the appropriate precautions for handling. Northern Filter Media, Inc. makes no warranty of merchantability or any other warrant, expressed or implied with respect to the information or the product to which this Safety Sheet relates. Users and handlers of this product should make their own investigations to determine the suitability of the information provided herein for their own purposes.