

Issue Date 14-Jul-2015

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Version 1

1. IDENTIFICATION**Product Identifier**

Product Name Zap-OX

Other means of identification

SDS # ZO-16C

Recommended use of the chemical and restrictions on use

Recommended Use Crème Cleanser

Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet**Supplier Address**Nanoplas, Inc.
2950 Prairie St., SW, Suite 900
Grandville, MI 49418**Emergency Telephone Number**

Company Phone Number 616-452-3707

Emergency Telephone 616-452-3707

2. HAZARDS IDENTIFICATION**Classification**

Skin Corrosion/Irritation	Category 2
Eye damage/ irritation	Category 1
Acute toxicity(Oral)	Category 4

Label elements

Signal word DANGER

Hazard statements

Harmful if swallowed. Causes skin irritation. Causes serious eye damage.



Appearance White Slurry

Physical State Slurry

Odor Mint Scent

Emergency Overview**Precautionary Statements - Prevention**

Wash hands, face and any skin contact thoroughly after handling.

Wear protective gloves/eye protection/ face protection.

Do not eat, drink or smoke when using this product.

Precautionary Statements - Response

If on skin: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation persists: Get medical attention/advice.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center or doctor/physician.

If swallowed: Rinse mouth. Call a poison center/doctor if you feel unwell.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Precautionary Statements - Storage

Store according to local rules and regulations.

Hazards not otherwise classified (HNOC)

None known

Other Information

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight%
Silica	14808-60-7	35-40
Alcohol ethoxylate	68439-46-3	5-10
Sulfonic acid	27176-87-0	1-5
Water	-	>50

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES**First Aid Measures**

Eye Contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice.
Skin Contact	Remove contaminated clothing and wash before reuse. Wash contaminated area with soap and water for 15-20 minutes. If skin irritation persists get medical advice/attention.
Inhalation	Move person to fresh air. If respiratory irritation or dizziness occurs, seek immediate medical assistance.
Ingestion	Call a poison center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. If vomiting occurs, keep head below hips to reduce risk of aspiration.
Protection of First-aiders	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

Most important symptoms and effects

Symptoms Burning or irritation of affected areas. Causes skin irritation and serious eye damage.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Not applicable. Product is not a fire hazard.

Unsuitable Extinguishing Media High pressure water jet.

Specific Hazards Arising from the Chemical

None known

Protective equipment and precautions for firefighters

Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal Precautions Depending on the extent of release, consider the need for restriction of access to spill area. Do not eat, drink, or smoke during clean up. Wear protective clothing, eye protection and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.

Environmental Precautions Prevent spills from entering storm sewers/drains or contact with soil.

Methods and material for containment and cleaning up

Methods for Clean-Up Small spills may be wiped up and rinsed with water. For larger spills, contain spill with inert material (sand, clay). Transfer material to labeled containers for recovery or proper disposal. After removal, flush area with water.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on Safe Handling Read label before use. Avoid contact with skin or eyes. Wear protective gloves, eye protection, face protection. Use only according to label directions. If unsure about safe use, contact you supervisor. Do not eat, drink or smoke while using this product. Wash hands, face and any skin contact thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Do not contaminate water, food or feed by storage and disposal. Store in tightly closed, original container in a cool (10°C-30°C), dry area. Keep in an area inaccessible to children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL
Silica	TWA 0.025 mg/m ³	1mg/m ³
Silica	NIOSH(REL) 0.05 mg/m ³	

Appropriate engineering controls**Engineering Control**

Proper ventilation in accordance with good industrial hygiene should be provided.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Chemical resistant goggles and face protection.
Skin and Body Protection	Use water impervious gloves (latex or neoprene rubber). No breakthrough time has been established.
Respiratory Protection	Respiratory protection is not necessary under normal conditions of use.
Others	Protective clothing (long sleeves, pants), eyewash, safety shower are always advisable when working with chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Slurry	Odor	Mint Scent
Appearance	Slurry white	Odor Threshold	Not determined
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	2.1-3.1	
Melting Point/Freezing Point	0°C(32°F)	Literary Reference
Boiling Point/Boiling Range	100°C(212°F)	
Flash Point	None	
Evaporation Rate	Similar to water	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Relative Density	1.20-1.30	
Specific Gravity	Not determined	(1=Water)
Water Solubility	Complete	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto ignition Temperature	Not determined	

Decomposition Temperature	Not determined	
Viscosity	Viscous slurry	
Property	Values	Remarks • Method
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	<1 (Excluding exempt material)	

10. STABILITY AND REACTIVITY

Reactivity

Not specific reactive test data is available for this mixture. Under normal conditions of storage and use, hazardous reactions are not expected.

Chemical Stability

This product is stable at ambient temperatures and pressures.

Conditions to Avoid

Temperatures above 50°C (122°F) or below 10°C (50°F)

Hazardous Decomposition Products

None known

11. TOXICOLOGICAL INFORMATION

Product Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Nepheline Syenite	>2000mg/kg	>2000mg/kg	20mg/L

Acute Toxicity

Toxicity data is not available for this mixture. Data below are estimated based on summation methods.

Summary

Skin and eye contact are most likely routes of exposure. Exposure causes skin irritation and serious eye damage.

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Sub chronic/Chronic Toxicity

Repeated or prolonged contact causes skin irritation and serious eye damage.

Carcinogenicity

Ingredients are not listed on the NTP Report on Carcinogens, IARC Monographs or by OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity

This material has not been tested for acute environmental effects.

Persistence/Degradability

Material is not persistent. All organic components >1% are readily biodegradable.

Bioaccumulation

No evidence to suggest bio-accumulation will occur.

Mobility

Accidental spillage may lead to penetration of soil and groundwater.

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods**Disposal of Wastes**

Do not contaminate water, food or feed by disposal. If material cannot be disposed of by use according to label directions, contact your State Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. Rinse container after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. If container is one gallon or less, wrap empty container in plastic bag and discard in trash.

14. TRANSPORT INFORMATION

DOT

Goods are not regulated for transport by DOT

IATA

Goods are not regulated for transport by IATA

IMDG

Goods are not regulated for transport by IMDG

15. REGULATORY INFORMATION

International Inventories

All components are listed.

US Federal Regulations**OSHA Hazard Status**

This product meets the 1910.1200 definition of a "Hazardous Chemical".

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

There are no ingredients that are subject to reporting requirements for the Section 313 of Title III of the Superfund Amendments and Reauthorization (SARA) of 1986 and 40CFR Part 372.

California Proposition 65

This product does contain a listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute: Silica CAS# 14808-60-7. In its current form however, no respirable quartz is present.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Silica 14808-60-7	X	-	X

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Reactivity	Special Hazards
	-	-	-	-
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2	0	0	B

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Revision Note New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet