

Issuing date: 12.01.14

Revision date: 02.12.18

Revision number:

1. Identification of the substance/preparation and the company/undertaking**GHS product identifier**

Product name: Kleenite

Other mean of identificationProduct code(s): **83272 00849**

UN-Number: N/A

Synonyms: None

Recommended use of the chemical and restrictions on use

Recommended use: Denture Cleanser

Uses advised against: Used in mouth

Supplier address/information

Regent Labs, Inc.
 700 West Hillsboro Boulevard
 Suite 2-206
 Deerfield Beach, FL 33441

Emergency telephone number: 954-426-4403

2. Hazards Identification**Classification**

Based on currently available data, this product is not a hazardous substance.
 However, good product hygiene practices should be used.

Hazard identifier	Category
Can be hazardous in case of skin contact (irritant), eye contact (irritant) ingestion or inhalation	Potential Acute Health Effects
Carcinogenic Effects: Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH Mutagenic Effects: Not available Teratogenic Effects: Not available Developmental Toxicity: Not available Repeated exposure of the eyes to low level dust can produce eye irritation. Repeated exposure to skin can produce skin destruction or dermatitis. Repeated inhalation of dust can produce a varying degree of respiratory irritation or lung damage	Potential Chronic Health Effects

GHS label elements, including precautionary statements

Keep in a cool, dry place, out of reach of children. Do not use in mouth.


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Emergency overview

Signal Word:	Warning	
Appearance: White with blue crystals	Physical state: Powder	Odor: Mint

Precautionary statements

General advice:

- Keep out of reach of children, do not use in mouth.

Eyes:

- Keep away from eyes.

Inhalation:

- Use in a well ventilated area.

Storage:

- Keep in a cool dry place.

Disposal:

- In accordance with local regulations.

Hazard not otherwise classified (HNOC)

N/A

Other information

None

3. Composition/Information on ingredients

Chemical name	CAS-No	Weight %	Trade Secret
Sodium Percarbonate	15630-89-4	30-50%	X
Sodium Bicarbonate	144-55-8	20-40%	X
Sodium Citrate	6132-04-3	10-30%	X

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Sodium Hexametaphosphate

10124-56-8

10-30%

X

4. First aid measures

Description of necessary first-aid measures

Eye contact: Immediately flush with water for 15 minutes and seek medical attention

Skin contact: Wash skin with soap and water.

Inhalation: Remove to fresh air.

Ingestion: DO NOT INDUCE VOMITING, drink copious amounts of water. Seek medical attention.

Most important symptoms/effects, acute and delayed

Most important symptoms/effects: No data available

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Ingestion of large quantities of phosphate salts (over 1.0 grams for an adult) may cause an osmotic catharsis resulting in diarrhea and probable abdominal cramps. Larger doses such as 4-8 grams will almost certainly cause these effects in everyone. In healthy individuals most of the ingested salt will be excreted in the feces with the diarrhea and, thus, not cause systemic toxicity. Doses greater than 10 grams hypothetically may cause systemic toxicity.

5. Fire-fighting measures

Suitable extinguishing media: Water

Unsuitable extinguishing media: None known

Specific hazards arising from the chemical

None known

Explosion data:

- N/A

Protective equipment and precautions for firefighters

N/A

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

N/A

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Environmental precautions

N/A

Methods and materials for containment and cleaning up

- Methods for containment: None
- Methods for cleaning up: Sweep into an appropriate container

7. Handling and storage

Precautions for safe handling

Handling:

Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatibilities

Storage:

Store in a cool dry place. Separate from acids, alkalies, reducing agents and combustibles.

Incompatible products:

Acids, alkalies, reducing agents and combustibles.

8. Exposure controls/personal protection

Control parameters

Exposure guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH

Appropriate engineering controls

Engineering measures: None

Individual protection measures, such as personal protective equipment

Eye/face protection: Avoid contact
Skin and body protection: Avoid contact
Respiratory protection: Use in a well ventilated area
Hygiene measures: Wash with soap and water

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9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: Powder
 Odor: Mint
 Appearance: White with blue crystals
 Odor threshold: NDA

Property	Values	Remarks/Method
pH	9.0 – 10.0	
Melting point/range	N/A	
Boiling point/boiling range	N/A	
Flash point	Not Combustible	
Evaporation rate	N/A	
Flammability (solid, gas)	NDA	
Flammability limits in air	NDA	
-upper flammability limit	NDA	
-lower flammability limit	NDA	
Vapor pressure	Nil	
Vapor density	NDA	
Specific gravity	NDA	
Water solubility	150 g/l @ 20°C	
Solubility in other solvents	NDA	
Partition coefficient: n-octanol/water	NDA	
Autoignition temperature	NDA	
Decomposition temperature	NDA	
Viscosity	Not liquid	
Flammable properties	NDA	
Explosive properties	Not explosive	
Oxidizing properties	Oxidiser	

Other information

VOC content (%): Not volatile

10. Stability and reactivity

Reactivity

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Chemical stability

Stable under normal temperatures.

Possibility of hazardous reactions

NDA

Conditions to avoid

Extreme humidity, closed environment.

Incompatible materials

Strong acids or bases

Hazardous decomposition products

None known

11. Toxicological information

Information on likely routes of exposure

Product information:

- Inhalation: May cause respiratory burns
- Eye contact: Irritant
- Skin contact: Irritant
- Ingestion: May cause burns

Chemical name	LD50 oral	LD50 dermal	LC50 inhalation
Sodium Percarbonate	1,034 mg/kg [Rat]	>2,000 mg/kg [Rabbit]	>4,580 mg/m ³ [Rat]

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms related to the physical, chemical and toxicological characteristics

Skin redness, difficulty breathing, burning sensation in the eyes, ingestion may cause an osmotic catharsis resulting in diarrhea and probable abdominal cramps

Delayed and immediate effects and also chronic effects from short and long term exposure

- Sensitization: May cause skin irritation and possible burns
- Mutagenic effects: NDA
- Carcinogenicity: Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH
- Reproductive toxicity: NDA
- STOT – single exposure: NDA
- STOT – repeated exposure: NDA
- Aspiration hazard: Irritant

Numerical measures of toxicity – product

NDA

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12. Ecological information

Ecotoxicity

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to micro-organisms	Daphnia Magna (water flea)
Sodium Percarbonate	NDA	LC50, 71 mg/l	NDA	EC50, 4.9 mg/l

Persistence and Degradability

Weak persistence of degradation products.

Bioaccumulation

NA

Chemical name	Low Pow
Sodium Percarbonate	NDA

Other adverse effects: None known

13. Disposal considerations

Waste disposal methods

Disposal in accordance with federal, state and local environmental control regulations.

Contaminated packaging

Unknown

Chemical name	RCRA	RCRA – Basis for listing	RCRA – D series wastes	RCRA – U series wastes
Sodium Percarbonate	NDA			

14. Transport information

Notes:

DOT

- | | |
|----------------------------|------------------|
| • UN-Number | N/A |
| • Proper shipping name | Kleenite |
| • Hazard class | None |
| • Reportable quantity (RQ) | N/A |
| • Description | Denture Cleanser |
| • Emergency response guide | N/A |
| • Number | N/A |

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TDG

- UN-Number N/A
- Proper shipping name Kleenite
- Hazard class None
- Description Denture Cleanser

MEX

- UN-Number N/A
- Proper shipping name Kleenite
- Hazard class None
- Description Denture Cleanser

ICAO

- UN-Number N/A
- Proper shipping name Kleenite
- Hazard class None
- Description Denture Cleanser

IATA

- UN-Number N/A
- Proper shipping name Kleenite
- Hazard class None
- ERG Code None
- Description Denture Cleanser

IMDG/IMO

- UN-Number N/A
- Proper shipping name Kleenite
- Hazard class None
- Subsidiary class None
- EmS number None
- Description Denture Cleanser

RID

- UN-Number N/A
- Proper shipping name Kleenite
- Hazard class None
- Classification code None
- Description Denture Cleanser

ADR

- UN-Number N/A
- Proper shipping name Kleenite
- Hazard class None
- Classification code None
- Tunnel restriction code None
- Description Denture Cleanser
- ADR/RID – Labels None

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ADN

- Proper shipping name Kleenite
- Hazard class None
- Classification code None
- Special provisions None
- Description Denture Cleanser
- Limited quantity None
- Ventilation None

15. Regulatory information

Interventional inventories

- TSCA(Complies?) Yes No IECSC XXX

Legend

TSCA: United States Toxic Substances Control Act 8(b) inventory

U.S. Federal regulations

None known

SARA 311/312 Hazard categories

- Acute health hazard
- Chronic health hazard
- Fire hazard
- Sudden release of pressure hazard
- Reactive hazard

Clean Water Act

This product **does/does not** contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

Chemical name	Hazardous substances RQs	Extremely hazardous substances RQs	RQ
Sodium Percarbonate	None	None	None

U.S. state regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

U.S. state Right-to-Know regulations



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"X" designates that the ingredients are listed on the state Right-to-Know list

Chemical name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
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U.S. EPA label information

EPA Pesticide registration number: N/A

16. Other information

	Health hazard	Flammability	Instability/Physical Hazard	Physical/Chemical Hazards/Personal protection
NFPA	None known	Not combustible	Stable product	None known
HMIS	None known	Not combustible	Stable product	None known

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General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet