

# Super Kleenite

Preparation Date: 25-Jul-2008

Revision Date: 09-Sep-2024

# SAFETY DATA SHEET

Revision Number: 3

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product Identifier

**Product Name** Super Kleenite

### Other means of identification

**Item#:** 7502

**Synonyms** None

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

**Recommended use** Restricted to professional users

**Uses advised against** All other

### Details of the supplier of the safety data sheet

**Supplier** DeLaval Manufacturing  
11100 N. Congress Ave.  
Kansas City, MO 64153 : 816-891-7700, 8am – 5pm M-F

### Emergency Telephone Number

Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation

Category 2

### Label Elements

### Emergency Overview

### WARNING

### Hazard Statements

Causes serious eye irritation



**Appearance** White

**Physical state** Powder

**Odor** No information available

### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Sodium, dichloroisocyanurate dihydrate	51580-86-0	1 - 10
Sodium carbonate	497-19-8	70 - 80
Sodium dodecylbenzenesulfonate	25155-30-0	1 - 10

If a concentration range is shown, the exact concentration has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### Description of first-aid measures

<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention.
<b>Inhalation</b>	Move to fresh air. Give oxygen or artificial respiration if needed. If symptoms persist, call a physician.
<b>Ingestion</b>	Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

#### Most important symptoms and effects, both acute and delayed

The product causes burns of eyes, skin and mucous membranes.

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable Extinguishing Media

No information available.

#### Specific hazards arising from the chemical

The product causes burns of eyes, skin and mucous membranes.

#### Hazardous Combustion Products

Thermal decomposition can lead to release of irritating gases and vapours

**Sensitivity to static discharge** None.

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health hazards 2

Flammability 0

Instability 0

Physical Hazard -

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Avoid dust formation. Use personal protective equipment.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal. After cleaning, flush away traces with water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

#### Handling

When diluting, always add the product to water. Never add water to the product. Avoid contact with skin, eyes and clothing.

### Conditions for safe storage, including any incompatibilities

#### Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store near acids.

#### Incompatible Materials

Acids, light metals (e.g. aluminum, copper, brass, zinc galvanized)

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

### Appropriate engineering controls

#### Engineering Controls

Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

#### Eye/face Protection

Goggles.

#### Skin and body protection

Wear protective gloves and protective clothing.

#### Respiratory Protection

In case of inadequate ventilation wear respiratory protection.

#### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state  
Appearance

Powder  
White

Odor  
Odor Threshold

No information available  
No information available

Property  
pH

Values  
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Remarks/ Method

Melting point/freezing point	No information available
Boiling Point/Range	No information available
Flash Point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit	No information available
Lower flammability limit	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Specific Gravity	No information available
Water Solubility	soluble
Partition coefficient: n-octanol/water	No information available
Autoignition Temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available

**Other information**

Liquid Density	No information available
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**10. STABILITY AND REACTIVITY****Reactivity**

May react with other chemicals. Do not mix with other chemicals except as directed on label.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

May develop chlorine if mixed with acidic solutions. Gives off hydrogen by reaction with some metals (e.g. aluminum).

**Hazardous Polymerization**

Hazardous polymerisation does not occur.

**Conditions to Avoid**

Extremes of temperature and direct sunlight.

**Incompatible Materials**

Acids, light metals (e.g. aluminum, copper, brass, zinc galvanized)

**Hazardous decomposition products**

Chlorine.

**11. TOXICOLOGICAL INFORMATION**

<b><u>Principal Routes of Exposure</u></b>	Eye contact, Skin contact, Ingestion, Inhalation
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**Information on likely routes of exposure**

<b>Eyes</b>	Corrosive to the eyes and may cause severe damage including blindness.
<b>Skin</b>	Contact causes severe skin irritation and possible burns.
<b>Ingestion</b>	Ingestion causes burns of the upper digestive and respiratory tracts.
<b>Inhalation</b>	Product dust may be irritating to eyes, skin and respiratory system.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization**

Product is not identified as a sensitizer according to OSHA regulations.

**Mutagenic effects**

Product is not identified as a mutagen according to OSHA regulations.

**Carcinogenicity**

Product is not identified as a carcinogen according to OSHA regulations.

**Reproductive Effects**

Product is not identified as having reproductive effects according to OSHA regulations.

**STOT - single exposure**

Product is not identified as having single target organ toxicity (single exposure) according to OSHA regulations.

**STOT - repeated exposure**

Product is not identified as having single target organ toxicity (repeated exposure) according to OSHA regulations.

**Aspiration Hazard**

Product is not identified as an aspiration hazard according to OSHA regulations.

**Numerical measures of toxicity**

If available, toxicity values of individual components are shown below.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium, dichloroisocyanurate dihydrate 51580-86-0	500 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Sodium carbonate 497-19-8	2800 mg/kg (Rat)	2000 mg/kg (Rabbit)	2300 mg/m <sup>3</sup> (Rat)
Sodium dodecylbenzenesulfonate 25155-30-0	= 500 mg/kg ( Rat )	No data available	= 310 mg/m <sup>3</sup> ( Rat ) 4 h

4% of the mixture consists of ingredient(s) of unknown toxicity

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

If available, ecotoxicity values of individual components are shown below.

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Sodium, dichloroisocyanurate dihydrate 51580-86-0	EC50 (Chlorella pyrenoidosa (algae)): < 0.5 mg/l Exposure time: 3 h	LC50= 0.25 mg/l (96h)	EC50 : 51 mg/l (3 h)OECD Test Guideline 209	EC50= 0.28 mg/l (48h)
Sodium carbonate 497-19-8	No data available	310 - 1220: 96 h Pimephales promelas mg/L LC50 static 300: 96 h Lepomis macrochirus mg/L LC50 static	No data available	265: 48 h Daphnia magna mg/L EC50
Sodium dodecylbenzenesulfonate 25155-30-0	No data available	10.8: 96 h Oncorhynchus mykiss mg/L LC50 static	No data available	No data available

**Persistence and degradability**

No information available.

**Bioaccumulation/Accumulation**

No information available.

**Other adverse effects**

No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste Disposal Method** Dispose of in accordance with local regulations. Should not be released into the environment.

**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal.

#### 14. TRANSPORT INFORMATION

**DOT** Not regulated

#### 15. REGULATORY INFORMATION

##### State Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Sodium, dichloroisocyanurate dihydrate 51580-86-0	Not Listed	X	X
Sodium dodecylbenzenesulfonate 25155-30-0	X	X	X

##### U.S. EPA Label information

**EPA Pesticide registration number** Not applicable

#### 16. OTHER INFORMATION

**Preparation Date:** 25-Jul-2008  
**Revision Date:** 09-Sep-2024  
**Revision Note:** None

##### 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 a 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 SDS**