SAFETY DATA SHEET
KLEAN-n-SIMPLE

Printed: 03/17/2020
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Supersedes Revision: 04/22/2019

1. Product and Company Identification

Product Code: 50-170

Product Name: KLEAN-n-SIMPLE

Company Name: Taylor Industries, LLC
308 Distribution Drive
Madison, MS 39110

Phone Number: (601)856-8439

Web site address: www.taylorindustriesllc.com

Email address: joamca@bellsouth.net

Emergency Contact: Chem Tel (800)255-3924

Information: Taylor Industries, LLC (601)856-8439

2. Hazards Identification

GHS Signal Word: **None**

GHS Hazard Phrases:

GHS Precaution Phrases:

GHS Response Phrases:

GHS Storage and Disposal Phrases:

OSHA Regulatory Status: This material is classified as not hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic): Chronic: None.

Inhalation: No hazard expected in normal industrial use. May cause severe irritation of the respiratory tract with possible burns.

Skin Contact: Non-irritating to the skin. Causes skin burns. May be harmful if absorbed through the skin.

Eye Contact: Non-irritating to the eyes. Causes eye burns.

Ingestion: No hazard expected in normal industrial use. Harmful if swallowed. May cause severe and permanent damage to the digestive tract.

Medical Conditions Generally Aggravated By Exposure: Dermititus and sensitive skin conditions.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	<=90.0 %
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	<=3.0 %
68424-95-3	Octyl decyl dimethy ammonium chloride	<=3.0 %

4. First Aid Measures

Emergency and First Aid Procedures: Call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

In Case of Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. Get medical aid immediately. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

In Case of Skin Contact: No specific treatment is necessary, since this material is not likely to be hazardous. Get medical aid immediately. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Discard contaminated clothing in a manner which limits further exposure. Destroy contaminated shoes.

In Case of Eye Contact: No specific treatment is necessary, since this material is not likely to be hazardous. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately. Do NOT allow victim to rub eyes or keep eyes closed.

In Case of Ingestion: No specific treatment is necessary, since this material is expected to be non-hazardous. Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Indication of any immediate medical attention and special treatment needed: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NP Method Used: Estimate

Explosive Limits: LEL: UEL:

Autoignition Pt: NP

Suitable Extinguishing Media: Not available. For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool.

Flammable Properties and Hazards:

Hazardous Combustion Products:

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation.

7. Handling and Storage

Precautions To Be Taken in Handling: No special handling procedures are required. Wash thoroughly after handling. Use with adequate ventilation. Do not get in eyes, on skin, or on clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Do not ingest or inhale. Discard contaminated shoes.

Precautions To Be Taken in Storing: No special storage requirements. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7732-18-5	Water			
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides			
68424-95-3	Octyl decyl dimethy ammonium chloride			

Respiratory Equipment (Specify Type): Respirator protection is not normally required. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a res must be followed whenever workplace conditions warrant respirator use.

Eye Protection: Eye protection is not normally required. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Protective garments not normally required. Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Protective garments not normally required. Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): There are no special ventilation requirements. Use adequate ventilation to keep airborne concentrations low.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Physical States: [ ] Gas [X] Liquid [ ] Solid

Appearance and Odor: Bluish. floral-like.

pH: <=8.0

Melting Point: NA

Boiling Point: 100.00 C

Flash Pt: NP Method Used: Estimate

Evaporation Rate: ~ Water

Flammability (solid, gas):

Explosive Limits: LEL: UEL:

Vapor Pressure (vs. Air or mm Hg): NA

Vapor Density (vs. Air = 1): NA

Specific Gravity (Water = 1): ~ 1.000

Density: >=8.256

Bulk density: NE

Solubility in Water: Soluble

Saturated Vapor Concentration: NA

Octanol/Water Partition Coefficient:

Percent Volatile: NE

VOC / Volume: NE

Autoignition Pt: NP

Decomposition Temperature: NE

Viscosity: NA

Particle Size: NE

Heat Value: NE

Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [ ] Stable [X]

Conditions To Avoid - Instability: Incompatible materials.

Incompatibility - Materials To Avoid: None. Strong reducing agents, acids, organic matter, cyanides (e.g. potassium cyanide, sodium cyanide), ammonium salts, cellulose, sodium thiosulfate, Acetanilide, chlorates, hypophosphites, and iodides. mercury salts, permanganates, sulfites, tannic acid.

Hazardous Decomposition or Byproducts: None. Hydrogen chloride, chlorine, Carbon monoxide, Carbon dioxide, nitrogen oxides (NOx) and ammonia (NH3).

Possibility of Hazardous Reactions: Will occur [ ] Will not occur [X]

Conditions To Avoid - Hazardous Reactions:

11. Toxicological Information

Toxicological Information: Epidemiology: No data available.
Teratogenicity: No data available.
Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies: Other Studies: No data available.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7732-18-5	Water				
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides				
68424-95-3	Octyl decyl dimethy ammonium chloride				

12. Ecological Information

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:
DOT Hazard Class:
UN/NA Number: **Packing Group:** I

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7732-18-5	Water	No	No	No
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	No	No	No
68424-95-3	Octyl decyl dimethy ammonium chloride	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7732-18-5	Water	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test
68424-95-3	Octyl decyl dimethy ammonium chloride	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory

Regulatory Information Statement:

16. Other Information

Revision Date: 09/12/2019

Hazard Rating System:

HMIS:

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	B

NFPA:

Additional Information About This Product:

Company Policy or Disclaimer: As the methods or conditions of use are beyond our control, we do not accept any responsibility or liability for any use of this product. We make no warranty, expressed or implied, as to the accuracy of the information given or results obtained from its use. It is the responsibility of the user to meet all federal, state and local regulations.