

SAFETY DATA SHEET

Solid Soak

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

DATE: 05/14/2015 / Supersedes Revision: 01/10/2015

Manufacturer:

PDQ Manufacturing, Inc.
201 Victory Circle
Ellijay, GA USA 30540
Phone: (706) 636-1848
Website: www.pdqonline.com

Distributor:

Chemtron, Inc.
7350-C Lockport Place
Lorton, VA 22079
Phone: (703) 550-7772

EMERGENCY CONTACT: Chemtrec, Reference CCN203605
Phone: (800) 424-9300 (collect calls accepted) / International: (703) 527-3887

Product Name: Solid Soak

ID Code: 4279

Product Category: Solid Warewash Detergent

SECTION 2: HAZARD(S) IDENTIFICATION

Serious Eye Damage/Eye Irritation, Category 2A

Acute Toxicity: Oral, Category 5



GHS Signal Word: WARNING

GHS Hazard Phrases:

H319 - Causes serious eye irritation.

H303 - May be harmful if swallowed.

GHS Precaution Phrases:

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:

P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.

P337+313 - If eye irritation persists, get medical advice/attention.

P312 - Call a POISON CENTER/doctor if you feel unwell.

GHS Storage and Disposal Phrases: N/A

Hazard Rating System:

HMIS

Health: 0

Flammability: 0

Physical: 0

PPE: A

Potential Health Effects (Acute and Chronic): Adverse reproductive effects have been reported in animals. None. Chronic exposure may cause liver damage.

Inhalation: No hazard expected in normal industrial use.

Skin Contact: Causes skin irritation.

Eye Contact: Lachrymator (substance which increases the flow of tears). Causes severe eye irritation.

Ingestion: May cause irritation of the digestive tract.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	6.0 -12.0 %
1643-20-5	Dodecyltrimethylamine oxide	1.0 -4.0 %

SAFETY DATA SHEET

Solid Soak

SECTION 4: FIRST-AID MEASURES

Emergency and First Aid Procedures:

In Case of Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.

In Case of Skin Contact: No specific treatment is necessary, since this material is not likely to be hazardous. Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash off with soap and plenty of water. Consult a physician. Take off contaminated clothing and shoes immediately.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion: Get medical aid. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Note to Physician: Consult a physician. Show this safety data sheet to the doctor in attendance.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: NP

Explosive Limits: LEL: UEL:

Autoignition Pt: NP

Suitable Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Use water spray, dry chemical, carbon dioxide, or chemical 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. Substance is noncombustible. Wear self contained breathing apparatus for fire fighting if necessary.

Flammable Properties and Hazards: CONDITIONS OF FLAMMABILITY: Not flammable or combustible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Environmental precautions. Do not let product enter drains.

SECTION 7: HANDLING AND STORAGE

Precautions To Be Taken in Handling: No special handling procedures are required. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use with adequate ventilation. Do not ingest or inhale.

Precautions To Be Taken in Storing: No special storage requirements. Store in a cool, dry place. Store in a tightly closed container. Keep away from acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}			
1643-20-5	Dodecyldimethylamine oxide			

Respiratory Equipment (Specify Type): 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 respirator use. (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls.

Eye Protection: 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. Safety glasses.

Protective Gloves: Protective garments not normally required.

Other Protective Clothing: Protective garments not normally required.

Engineering Controls (Ventilation etc.): There are no special ventilation requirements.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SAFETY DATA SHEET

Solid Soak

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance and Odor: Green solid block.
Methyl salicylate.

Melting Point: NP

Boiling Point: NP

Autoignition Pt: NP

Flash Pt: NP

Explosive Limits: LEL: UEL:

Specific Gravity (Water = 1): NP

Density: 60.0 - 62.9 LB/CF

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

Vapor Density (vs. Air=1): NP

Evaporation Rate: NP

Solubility in Water: 100% at 72.0 F

Solubility Notes: 100%

Viscosity: NP

pH: 10.16 - 10.66

Percent Volatile: < 1.0 % by weight.

VOC / Volume: 0.0000 G/L

SECTION 10: STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Incompatible materials. Excess heat.

Incompatibility – Materials To Avoid: Strong acids. Acids, Metals. fluorine, Hydrogen peroxide, phosphorus pentoxide, 6-trinitrotoluene. Incompatible with alkalis, sol carbonates, gold and silver salts, lead acetate, lime water, potassium iodide, potassium and sodium tartrate, sodium borate, tannin, vegetable astringent infusions and decoctions. chemically active metals, Strong oxidizing agents.

Hazardous Decomposition Or Byproducts: Carbon monoxide, oxides of phosphorus, Carbon dioxide, formed under fire conditions. Sodium oxides, silicon oxides. oxides of sulfur, Carbon oxides, nitrogen oxides (NOx).

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

Conditions To Avoid -Hazardous Reactions: No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No data available. Teratogenicity: No data available. Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies: No information found. Teratogenicity: No information available. Teratogenicity: Teratogenic effects have occurred in experimental animals. Acute demal toxicity: LD50 rabbit Dose > 2,000 mg/kg
Skin irritation: Rabbit Non irritant Eye irritation: Rabbit minimal irritant.

Irritation or Corrosion: Skin - rabbit - Severe skin irritation. Serious eye damage/eye irritation: Eyes - rabbit - Severe eye irritation.

Chronic Toxicological Effects: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Carcinogenicity/Other Information: CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7758-29-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 497-19-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 25155-30-0: Not listed by ACGIH, IARC, NTP, or CA. Prop 65. Carcinogenicity. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	n.a.	n.a.	n.a.	n.a.
1643-20-5	Dodecyldimethylamine oxide	n.a.	n.a.	n.a.	n.a.

SECTION 12: ECOLOGICAL INFORMATION

General Ecological Information: Environmental: Not regulated under U.S. Department of Transportation regulations (29 CFR) Physical: No information available. Other: Do not empty into drains. Aquatic: Water temperature affects biodegradation. The rate of sodium-C12 linear alkylbenzene sulfonic acids biodegradation in Chesapeake Bay water was max at 25-30 deg C and decreased at lower incubation temperatures. Terrestrial: The adsorption of sodium-C12 linear alkylbenzene sulfonic acids is affected by the type of soil. The affinity of the soil for surfactants competes with microbial attack, slowing biodegradation. (HSDB).

SAFETY DATA SHEET

Solid Soak

SECTION 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. Product. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Contaminated packaging. Dispose of as unused product. Offer surplus and non-recyclable solutions to a licensed disposal company.

SECTION 14: TRANSPORTATION INFORMATION (DOT/UN CLASSIFICATION)

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class: **UN/NA Number:**

Packing Group: **TDG Shipping Name:**

SECTION 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)
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	No	Yes 1000 LB	No
1643-20-5	Dodecyldimethylamine oxide	No	No	No

CAS # Hazardous Components (Chemical Name)

25155-30-0 Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}

1643-20-5 Dodecyldimethylamine oxide

Other US EPA or State Lists

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

SECTION 16: OTHER INFORMATION

Revision Date: 05/14/2015

Preparer Name: Regulatory Affairs

Additional Information About This Product:

Company Policy or Disclaimer: The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.