

SAFETY DATA SHEET

Summit

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

DATE: 03/11/2015 / Supersedes Revision: NA

Manufacturer:

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

EMERGENCY CONTACT: Chemtrec, Reference CCN203605

Phone: (800) 424-9300 (collect calls accepted) / International: (703) 527-3887

Product Name: Summit

ID Code: 4523

Product Category: Neutral Detergent

SECTION 2: HAZARD(S) IDENTIFICATION

Serious Eye Damage/Eye Irritation, Category 2A
Skin Corrosion/Irritation, Category 2



GHS Signal Word: WARNING

GHS Hazard Phrases:

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

GHS Precaution Phrases:

P264 - Wash hands thoroughly after handling.

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

GHS Response Phrases:

P302+352 - IF ON SKIN: Wash with plenty of soap and water.

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.

P332+313 - If skin irritation occurs, get medical advice/attention.

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

P362 - Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal Phrases: N/A

Hazard Rating System:

HMS

Health: 0

Flammability: 0

Physical: 0

PPE: A

Potential Health Effects (Acute and Chronic): Adverse reproductive effects have been reported in animals. Prolonged or repeated skin contact may cause defatting and dermatitis. May cause anemia and other blood cell abnormalities. Chronic: Chronic exposure may cause liver damage. Prolonged or repeated exposure may cause nausea, dizziness, and headache.

Inhalation: Causes respiratory tract irritation. May cause allergic respiratory reaction. May cause drowsiness, unconsciousness, and central nervous system depression. Vapors may cause dizziness or suffocation. Causes irritation of the mucous membrane and upper respiratory tract. Harmful if inhaled.

Skin Contact: Causes skin irritation. Ingestion can cause burning pain in mouth, throat and abdomen - May be fatal if ingested. May cause pain and second degree burns after a few minutes contact. (HSDB) Causes redness and pain. Causes mild skin irritation.

Eye Contact: Causes severe eye irritation. Risk of serious damage to eyes. Causes redness and pain. Lachrymator (substance which increases the flow of tears).

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Ingestion: Harmful if swallowed. May cause irritation of the digestive tract. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	20.0 -30.0 %
68131-39-5	Ethoxylated linear alcohol	10.0 -20.0 %
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}	5.0 -15.0 %
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}	2.0 -5.0 %
64-17-5	Ethyl alcohol {Ethanol}	0.4 -0.9 %

SECTION 4: FIRST-AID MEASURES

Emergency and First Aid Procedures: Consult a physician. Show this safety data sheet to the doctor in attendance.

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

In Case of Ingestion: 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 if irritation or symptoms occur.

Note to Physician: None

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: NP

Explosive Limits: LEL: UEL:

Autoignition Pt: NP

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam. Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

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. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Will burn if involved in a fire. Containers may explode in the heat of a fire. Flammable liquid and vapor. May form explosive peroxides. Vapors may be heavier than air. Dusts at sufficient concentrations can form explosive mixtures with air. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Flammable Properties and Hazards:

SECTION 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: Avoid generating dusty conditions. Provide ventilation. Do not let this chemical enter the environment. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. A vapor suppressing foam may be used to reduce vapors. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section).

SECTION 7: HANDLING AND STORAGE

Precautions To Be Taken in Handling: Do not ingest or inhale. Wash thoroughly after handling. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances. 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}			
68131-39-5	Ethoxylated linear alcohol			
68603-42-9	Cocamide DEA			

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9004-82-4 {Amides,coco,N,N-bis(hydroxyethyl)}
Sodium lauryl ether sulfate {Sodium laureth sulfate}
64-17-5 Ethyl alcohol {Ethanol} PEL: 1000 ppm TLV: 1000 ppm

Respiratory Equipment (Specify Type): Respirator protection is not normally required.

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.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.):

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical States: Gas Liquid Solid

Appearance and Odor: Orange solid to semi-solid block

Fragrant orange odor.

Melting Point: NP

Boiling Point: NP

Autoignition Pt: NP

Flash Pt: NP

Explosive Limits: LEL: UEL:

Specific Gravity (Water = 1): NP

Density: 1.138 - 1.149 G/CC at 25.0 C

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: 8.0 - 10.5

Percent Volatile: < 5.0 % by weight.

VOC / Volume: 0.0000 G/L

SECTION 10: STABILITY AND REACTIVITY

Stability: Unstable Stable

Conditions To Avoid - Instability: Incompatible materials, ignition sources, Excess heat, combustible materials.

Incompatibility – Materials To Avoid: Acids, Nitric acid, 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. Strong bases, Metals. fluorine, Hydrogen peroxide, phosphorus pentoxide, 6-trinitrotoluene.

Hazardous Decomposition Or Byproducts: Carbon monoxide, oxides of sulfur, Carbon dioxide, irritating and toxic fumes and gases, oxides of phosphorus.

Possibility of Hazardous Reactions: Will occur Will not occur

Conditions To Avoid -Hazardous Reactions: No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No information found. Teratogenicity: No information available. Reproductive

Effects: Mutagenicity: Neurotoxicity: Not regulated under U.S. Department of Transportation regulations (29 CFR)

Other Studies: Teratogenicity: Teratogenic effects have occurred in experimental animals.

Carcinogenicity/Other Information: CAS# 25155-30-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 95-63-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 67-63-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 68131-39-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 92-71-7: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 1806-34-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 25322-68-3: 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 #	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.
68131-39-5	Ethoxylated linear alcohol	n.a.	n.a.	n.a.	n.a.
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}	n.a.	2B	n.a.	n.a.
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}	n.a.	n.a.	n.a.	n.a.
64-17-5	Ethyl alcohol {Ethanol}	n.a.	1	A4	n.a.

SECTION 12: ECOLOGICAL INFORMATION

General Ecological Information: Environmental: 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)

Physical: No information available. Other: Do not empty into drains. Bioconcentration in aquatic organisms is moderate to

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high based on BCF values of 31-275, measured in carp. 1,2,4-Trimethylbenzene is expected to photodegrade in natural waters. If released to the atmosphere, 1,2,4-trimethylbenzene will exist solely in the vapor phase in the ambient atmosphere. Vapor-phase 1,2,4-trimethylbenzene is degraded in the atmosphere by reaction with photochemically-produced hydroxyl radicals and nitrate radicals with half-lives of about 12 hours and 6-30 days, respectively. No information found. Physical: No information found. Not regulated under U.S. Department of Transportation regulations (29 CFR)

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.

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
68131-39-5	Ethoxylated linear alcohol	No	No	No
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}	No	No	No
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}	No	No	No
64-17-5	Ethyl alcohol {Ethanol}	No	No	No

CAS # Hazardous Components (Chemical Name)

25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}
68131-39-5	Ethoxylated linear alcohol
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}
64-17-5	Ethyl alcohol {Ethanol}

Other US EPA or State Lists

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
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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: 03/11/2015

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.