

**MATERIAL SAFETY
DATA SHEET**

SUMMIT INDUSTRIAL PRODUCTS, INC.
9010 CR 2120, Tyler, TX 75707
(903) 534-8021

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SUPERSEDES: 06/13/03

PRODUCT IDENTIFICATION

Trade Name: **SUM-CLEAN**
Chief Constituent: TEA Docdecylbenzene Sulfonate
Hazardous Ingredients/OSHA: 2-Butoxyethanol(OSHA PEL- 25 ppm) (ACGIH TL-25 ppm)
Carcinogenic Ingredients/OSHA/NTP/IARC: None
Ingredients Regulated by SARA title 3, Section 313: 2-Butoxyethanol

II. WARNING STATEMENTS

None

III. PHYSICAL AND CHEMICAL DATA

Appearance and Odor: Clear green mobile liquid with distinct odor
Specific Gravity: 1.05
Boiling Point: 212°F Evaporation Rate: 1.5
Vapor Pressure: 24mm Hg Solubility in water: 100%

IV. FIRE PROTECTION

Flash Point: None
Extinguishing Media: N/A
Special Firefighting Procedure: None
Unusual Fire Hazard:

V. REACTIVITY DATA

Thermal Stability: Stable
Materials to Avoid: Acids
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: None

VI. HEALTH HAZARD DATA

Exposure Limits: Skin-TLV 50ppm
Effects of Overexposure: Dry skin, stings eyes. Harmful if swallowed.

VII. PHYSIOLOGICAL EFFECTS SUMMARY

ACUTE:

Eyes: Irritant to eye.
Skin: Will dry skin in concentrated forms.
Respiratory System: Not Determined (Avoid breathing mist)

CHRONIC:

Exposure of rats by inhalation to 2-BE caused hemolysis, hemoglobinuria (blood in the urine) and a slight increase in liver weight. Other species, including man, were less sensitive or more resistant to hemolysis. The hemolytic effects in rats was transitory and/or reversible and not considered to be relevant to human health. Inhalation exposure of pregnant rabbits caused some lethality to the dam and fetus at 200 ppm, but there were no effects at 100ppm and below. Inhalation exposure to pregnant rats caused irritancy to the dams and related fetotoxicity at 200 and 100ppm, but there were no effects at 50ppm and below. 2-BE did not cause birth defects in either study.

VIII. PRECAUTIONS FOR SAFE HANDLING

For general personal hygiene, wash hands thoroughly after handling material. Avoid contact with skin and eyes. Keep from freezing. If frozen, thaw and agitate before use. Use in well ventilated area.

IX. PROTECTION AND CONTROL MEASURES

Protective Equipment: Rubber gloves, splash goggles and eye wash.
Respiratory Protection: None
Ventilation: N/A

X. EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Flush with water. If irritation persists, get medical attention.
Skin Contact: Wash skin with soap and water.
Inhalation: Remove to fresh air and burning persists, call physician.
Ingestion: Take one or two glasses of water and induce vomiting. Call physician.

XI. NOTES

HAZARD RATING INFORMATION				
	NPCA/HMIS	NFPA	KEY	
Health	1	1	4 = Severe	1 = Slight
Flammability	1	1	3 = Serious	0 = Minimal
Reactivity	0	0	2 = Moderate	

XII. SPILL AND DISPOSAL PROCEDURES

Environmental Impact: Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard Toll Free Number (800) 424-8802. In case of accident or road spill, notify Chemtrec (800) 424-9300.

Procedures if Material is Released or Spilled: Absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

Waste Management: Dispose of according to Federal, State and local regulations.

Toxic Substance Inventory Control Act: All components are included on the TSCA Inventory and are in compliance with the TSCA.

FOR ADDITIONAL INFORMATION CONTACT:

SUMMIT INDUSTRIAL PRODUCTS, INC.
P. O. Box 131359
Tyler, Texas 75713
(903) 534-8021

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