

Material Safety Data Sheet

Cola[®] Wet Doss 70

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Emergency Telephone #
423/837-8800
Chemtrec 800/424-9300

SECTION I – PRODUCT INFORMATION

Product Name:	Cola [®] Wet DOSS 70	File: DOSS 70
Chemical name:	Sodium Dioctyl Sulfosuccinate	
C.A.S. No.:	577-11-7	
Chemical Family:	Anionic surfactant	
Hazard Rating:	Health: 1	Fire: 1 Reactivity: 0

Direct Phone: 423/837-8800

THE CHEMTREC NUMBER IS TO BE CALLED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT INVOLVING CHEMICALS.

Emergency Overview: May cause eye and skin irritation.

SECTION II – HAZARDOUS INGREDIENTS

Ingredient	CAS #	Wt.%	TLV ppm	Other
Butanedioic acid sulfo-1, 4-bis (2-ethylhexyl) ester, sodium salt	577-11-7	> 1	Not established	Irritant

SECTION III – PHYSICAL DATA

Appearance and Odor:	Clear, colorless to light yellow liquid with alcohol odor
Boiling Point:	212°F
Specific Gravity:	1.07
Vapor Density (air = 1):	> 1
Vapor Pressure:	No data
Solubility in Water:	Slight
Evaporation Rate:	< 1
pH (1% Solution):	5.5

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method:	> 200°F, 93.33 °C (PMCC)
Flammable limits (LEL/UEL):	No data
Extinguishing Media:	Water spray, foam, dry chemical or CO ₂
Special Fire-fighting Protective Equipment:	Self-contained breathing apparatus with full-face piece and protective clothing.
Unusual Fire and Explosion Hazards:	Cool fire exposed containers with water to prevent pressure build up. A direct water stream on burning material can create frothing which may spread the fire. Do not weld or cut on empty containers since residual vapors may still be present.

SECTION V – REACTIVITY DATA

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility:	Strong oxidizing agents
Conditions to Avoid:	None known
Hazardous Decomposition:	Oxides of carbon and sulfur

SECTION VI – HEALTH HAZARD DATA

Health Hazards: Not normally considered toxic. However, prolonged exposure or direct contact may cause eye and skin irritation. Do not ingest.

Route of Exposure: Eye, skin and ingestion

Symptoms of Overexposure:

Eye Contact:	Contact with eyes can cause serious irritation.
Skin Contact:	Prolonged exposure can cause dryness and irritation.
Inhalation:	Vapors can cause nasal and respiratory problems.
Ingestion:	Can cause gastrointestinal irritation.

First Aid:

Eye Contact:	Immediately flush with copious amounts of soap and water for 15 minutes. Do not rub eyes. Contact physician.
Skin Contact:	Immediately flush with copious amounts of soap and water for 15 minutes. Contact physician. Launder contaminated clothing before re-use.
Inhalation:	Remove to fresh air. If necessary, give oxygen, artificial respiration. Contact physician.
Ingestion:	DO NOT INDUCE VOMITING. If patient is conscious and can swallow, give 2 glasses of water. Call a physician or Poison Control Center immediately.

Carcinogenicity: Not listed as a carcinogen with NTP, IARC, or OSHA.

SECTION VII – SPECIAL PROTECTION INFORMATION

Engineering Controls:	Use ventilation adequate to maintain safe levels.
Eye Protection:	Chemical tight goggles and full-face shield.
Protective Clothing:	Impervious gloves
Respiratory Protection:	If needed, use OSHA –NIOSH approved respirator for dusts, mists whose TLV's is greater than 0.05 mg/m ³ .
Other Protective Equipment:	Eyewash station and safety shower in work area.

SECTION VIII – SPECIAL PRECAUTIONS

Handling and Storage: Store in cool dry well ventilated area. Avoid open flames or sparks near full or empty drums. Follow good industrial hygiene.

Steps To Be Taken In Case Material Is Released Or Spilled:

Soak up material with absorbent and shovel into a chemical waste container. Wash residue from spill area with water containing detergent and flush to a sewer serviced by a permitted wastewater treatment facility.

SECTION IX – REGULATORY INFORMATION

TSCA:	All ingredients are listed on TSCA inventory.
Canadian DSL:	All ingredients are listed on the Canadian DSL
SARA TITLE III, Section 313:	None

SECTION X – TOXICOLOGICAL INFORMATION

The toxicity data listed below are base on the results of screening tests on this specific product.

Eye Contact:	This material is corrosive to rabbit eyes. A similar degree of irritation will probably occur after human eye contact.
Skin Contact:	This material was moderately irritating in rabbit dermal irritation studies. A similar degree of irritation will probably occur after human skin contact. This material was slightly toxic in rabbit dermal toxicity studies.
Acute oral toxicity:	The oral LD50 is between 0.5 and 5 g/kg. This material is classified as “slightly toxic” by ingestion.
Carcinogenicity:	OSHA, IARC and NTP do not list this material as a carcinogen.
Reproductive toxicity:	No available information.
Mutagenicity:	No available information.
Toxicologically Synergistic:	None known.

SECTION XI – WASTE DISPOSAL

Waste Disposal Method: In accordance with local, state and federal regulations.

SECTION XII – TRANSPORT INFORMATION

Proper Shipping Name:	Liquid soap, N.O.S.
D.O.T:	Not regulated
T.D.G:	Not regulated

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

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