



Material Safety Data DSC Products Inc.

MSD#: 3052B

Date Prepared: 10/01/2007

	Health	Fire	Reactivity	Special	Personal Protection Index
NFPA	1	0	0	0	B
HMIS	1	0	0	0	B

SECTION 1: PRODUCT IDENTIFICATION

Manufacturer Name	DSC PRODUCTS INC	24 Hour Emergency Telephone	(231) 739-2068
Address	1979 Latimer Dr. Muskegon, MI 49442-6229 (231) 777-3012		
Trade Name	CYCLE		DEODORANT
Chemical Family	QUATERNARY	Formula	N/A

SECTION 2: HAZARDOUS INGREDIENTS

Name/Common Name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Poly ethoxylated alcohol		Not assigned		
Alkyl dimethyl benzyl ammonium chloride		68424-85-1		
Alkyl dimethyl ammonium chloride		68424-95-3		

SECTION 3: PHYSICAL DATA

Boiling Point (degrees F)	212	Specific Gravity (H2O=1.0)	1.01	pH	8
Vapor Pressure (mm Hg)	N/A	Vapor Density (Air = 1)	N/A	Melting Point (degrees F)	N/A
Solubility in Water	X Complete	Invisible	Emulsible (or dispersible)	Slight (or partial)	
Evaporation Rate (vs. H2O)		Faster	Slower	X About the same	
Appearance and Odor	Clear, colored liquid				

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	N/A	Boiling	None to limits
Flammable Limits	N/A	Upper	Lower
Extinguishing Media	Water, dry chemical, foam	Special Fire Fighting Procedures	None
Unusual Fire and Explosion Hazards	None		

SECTION 5: REACTIVE DATA

Stability	Stable	Strong oxidizing agents	Incompatibility
Hazardous Decomposition Products	None	Hazardous Polymerization	Will not occur

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SECTION 6: HEALTH HAZARDS

Threshold Limit Value – Product (Section 2-TLV)	X None Established	Not Applicable			
Primary Routes of Exposure	X Eye	Skin	Oral X	Inhalation	Other
Signs and Symptoms of Over-exposure (acute)					
Eyes	Causes irritation	Skin	May cause irritation		
Inhalation	May cause irritation of the respiratory tract, cause nausea, disorientation	Ingestion	Harmful or fatal if swallowed		
Signs and Symptoms of Over-exposure (chronic)		Not established			
Medical Conditions aggravated by Over-exposure		None known			
Carcinogen or Suspect Carcinogen Ingredients		NP	ARC	OSHA	X None

SECTION 7: EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush with water, if irritation persists consult physician
Skin	Wash with soap and water, if irritation persists consult physician
Ingestion	Give large quantity of water or milk, induce vomiting, get medical attention
Inhalation	Remove to fresh air, if breathing is difficult, consult physician

SECTION 8: SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not required unless product is atomized		
Ventilation	Local X	Mechanical	Other
Protective Gloves	Non-absorbent	Eye Protection	Glasses with side shields
Other Protective Clothing or Equipment	Protect parts of body that may come in contact with product		
Work/Hygienic Practices	Wash with soap and water after contact		

SECTION 9: SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled	Dilute with water
Waste disposal methods	Dispose to drain according to local, state and federal regulations

SECTION 10: STORAGE AND HANDLING INFORMATION

Precautions to be taken in handling and storage
Other: KEEP OUT OF REACH OF CHILDREN
Keep container tightly closed and store in a cool place. Do not mix with other chemicals

SECTION 11: ENVIRONMENTAL INFORMATION

Spill or Release

This product contains no ingredients regulated under section 313 Emergency Planning and Community Right-to-Know Act (EPCRA) of SARA Title III and 40 CFR 372 and is not regulated as hazardous waste under CERCLA and is not subject to the Superfund tax.

Notice: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.