



Safety Data Sheet

DSC Products Inc.

SDS#: 2042B

Date Revised: 06/01/2015

SECTION 1: PRODUCT IDENTIFICATION

Manufacturer Name	DSC PRODUCTS INC	24 Hour Emergency Telephone	(231) 739-2068
Address	1979 Latimer Dr.		
	Muskegon, MI 49442-6229	Fax (231) 773-0477	
	(231) 777-3012	www.dscprod.com	
Trade Name	MERIT	Product Type	Liquid Detergent
Chemical Family	Alcohol Sulfate	Formula	N/A

SECTION 2: HAZARDOUS IDENTIFICATION

GHS Classification:

Health, acute toxicity, 5 Oral
Health, Skin corrosion/irritation, 3
Health, Serious Eye Damage/Eye Irritation, 2 B

GHS Phrases:

Warning, H303 – May be harmful if swallowed
Warning, H316 – Causes mild skin irritation
Warning, H320 – Causes eye irritation

GHS Label Elements:

Signal Word:

Warning

GHS Pictograms:

None

Precautionary Statements:

Prevention:

Wash hands and any exposed skin thoroughly after handling.
Wear eye/face protection. Wear protective gloves.

Response:

-Eyes

IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do.
Continue rinsing.
Call a Poison Center or doctor/physician if you feel unwell.
If eye irritation persists: Get medical advice/attention.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name/Common Name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
2-Butoxy Ethanol		111-76-2	50ppm	20ppm

SECTION 4: FIRST AID MEASURES

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, induce vomiting, get medical attention
Inhalation	Remove to fresh air, if breathing is difficult, consult physician



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SECTION 5: FIRE FIGHTING MEASURES

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 6: ACCIDENTAL RELEASE MEASURES

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 7: HANDLING AND STORAGE

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 8: EXPOSURE CONTROL/ PERSONAL PROTECTION

Respiratory Protection	Not required unless product is atomized		
Ventilation	Local X	Mechanical	Other
Protective Gloves	Non-absorbent X	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		

Ethylene glycol butyl ether 111-76-2 OSHA PEL 50 ppm – 240 mg/m³

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (degrees F)	212 F	Specific Gravity (H ₂ O=1.0)	1.06	pH	8.0
Vapor Pressure (mm Hg)	N/A	Vapor Density (Air = 1)	N/A	Melting Point (degrees F)	N/A
Solubility in Water	Complete X	Invisible	Emulsible (or dispersible)	Slight (or partial)	
Evaporation Rate (vs. H ₂ O)	Faster	Slower	About the same X		
Appearance and Odor	Clear liquid				

SECTION 10: STABILITY AND REACTIVITY

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



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SECTION 11: TOXICOLOGY INFORMATION

Threshold Limit Value – Product (Section 2-TLV)	None Established X		Not Applicable			
Primary Routes of Exposure	Eye X	Skin X	Oral	Inhalation	Other	
Signs and Symptoms of Over-exposure (acute)						
Eyes	Causes irritation		Skin	Prolonged contact will cause irritation, absorbed readily		
Inhalation	May cause irritation of the respiratory tract		Ingestion	Mild toxicity may irritate gastro intestinal tract.		
Signs and Symptoms of Over-exposure (chronic)			May cause liver problems			
Medical Conditions aggravated by Over-exposure			None known			
Carcinogen or Suspect Carcinogen Ingredients			NP	ARC	OSHA	None X

Toxicity Data:

Ethylene glycol butyl ether 111-76-2
Oral (LD 50): 917 mg/kg – Rat
Inhalation (LC 50): 2900 mg/m³/7H – Rat
Skin irritation: Mild
Eye irritation: Mild
Sensitization: Not considered an occupational sensitizer

SECTION 12: ECOLOGICAL INFORMATION

On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are as followed.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOT Class: Not regulated #
Ship in accordance with 49 CFR parts 100-185. Non-hazardous for air, sea and road freight.

SECTION 15: REGULATORY INFORMATION

Component / (CAS/Percent) / Codes

Ethylene glycol monobutyl ether (111762 < 24%) HAP, MASS, OSHAWAC, PA, TXAIR, WHMIS

REGULATORY KEY DESCRIPTIONS

All components are listed on TSCA

HAP = Hazardous Air Pollutants
MASS= MA Massachusetts Hazardous Substances List
OSHA= OSHA Workplace Air Contaminants
PA=PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level
WHMIS = Workforce Hazardous Material Information System

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SECTION 16: OTHER INFORMATION

Product Literature

Additional information on this product may be obtained by calling your sales or customer service contact.

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

Note to Reader

The information contained herein is deemed accurate and complete at the time of this publication. Use of the product beyond care, custody and control of the manufacture shall bear no warranty whether implied or expressed. DSC Products, Inc. assumes no liability for injury to any person or property resulting of this product without strict adherence to safety procedures. User bears all risks concerning use of the product as designated through labeling. It is recommended any and all data, directives and recommendations should be followed accordingly. This does not apply to any combination with other materials, chemical compounds or processes not inclusive of aforementioned specifications.