



Safety Data Sheet

DSC Products Inc.

SDS#: 2095B

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	LASER	Product Type	Ink remover
Chemical Family	Glycol ethers	Formula	N/A

SECTION 2: HAZARDOUS IDENTIFICATION

GHS Classification

Flammable Liquid (Category 2)
Acute Toxicity, Oral (Category 4)
Acute Toxicity, Dermal (Category 4)
Acute Toxicity, Inhalation (Category 5)

GHS Phrases:

Warning, H225 – Highly flammable liquid
Warning, H302 – Harmful if swallowed
Warning, H312 – Harmful in contact with skin;
Warning, H333 – Maybe harmful if inhaled

GHS Label Elements:

Signal Word:

Danger

GHS Pictograms:



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name/Common Name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Isopropyl alcohol		67-63-0	400 ppm	
Amyl acetate		628-63-7		
2- Butoxy Ethanol		111-76-2		

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.)	53 F	Boiling	None To Limits
Flammable Limits	N/A	Upper 7.0	Lower .9
Extinguishing Media	Dry chemical, water spray, CO2	Special Fire Fighting Procedures	Self contained breathing apparatus
Unusual Fire and Explosion Hazards			

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken if released or spilled	Absorb into material such as sawdust etc.
Waste disposal methods	Dispose to landfill in conformance with 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. Keep away from heat or flame.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory Protection	Use a NIOSH approved respirator for organic vapors.		
Ventilation	Local	Mechanical X	Other
Protective Gloves	Impervious to solvents.	Eye Protection	Goggles 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: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (degrees F)	190 F	Specific Gravity (H2O=1.0)	.92	pH	N/A
Vapor Pressure (mm Hg)	31.2	Vapor Density (Air = 1)	4.49	Melting Point (degrees F)	N/A
Solubility in Water	Complete X	Invisible	Emulsible (or dispersible)	Slight (or partial)	
Evaporation Rate (vs. H2O)		Faster X	Slower	About the same	
Appearance and Odor	Clear colorless liquid, banana odor.				

SECTION 10: STABILITY AND REACTIVITY

Stability	Stable	Incompatibility	Strong oxidizing agents
Hazardous Decomposition Products	Hydrogen chloride, phosgene	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	Skin	Oral	Inhalation X	Other
Signs and Symptoms of Over-exposure (acute)						
Eyes	Causes irritation		Skin	Prolonged contact defats skin, causes irritation.		
Inhalation	May cause anesthetic action and cardiac sensitization		Ingestion	May irritate gastro intestinal tract		
Signs and Symptoms of Over-exposure (chronic)			Not established			
Medical Conditions aggravated by Over-exposure			Respiratory disease			
Carcinogen or Suspect Carcinogen Ingredients			NP	ARC	OSHA	None X

<u>Component #</u>	<u>Toxicity</u>
Isopropyl Alcohol	LD50 Oral – Rat – 5045 mg/kg LC50 Inhalation – Rat – 8h – 16000 ppm LD50 Dermal – Rabbit – 12800 mg/kg
Glycol Ether EB	LD50 Oral – Rat – 470 mg/kg LC50 Inhalation – Rat – 4h – 450 ppm LD50 Dermal – Rabbit – 220 mg/kg Eyes – rabbit – moderate eye irritation – 24 h

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Ecotoxicity

Acute LC50 4200 mg/l Fresh water	Fish - Harlequinfish, red rasbora - Rasbora heteromorpha - 1 to 3 cm	96 hours
Acute LC50 9,640,000 to 10,000,000 µg/l Fresh water	Fish – Fathead minnow – Pimephales promelas – 31 days – 20.6 mm – 0.117 g	96 hours
Acute LC50 6,550,000 to 7,450,000 µg/l Fresh water	Fish – Fathead minnow – Pimephales promelas – 31 days – 17.4 mm – 0.082 g	96 hours
Acute LC50 1,400,000 to 1,950,000 µg/l Marine water	Crustaceans – Common shrimp, sand shrimp – Crangon crangon	48 hours
Acute LC50 > 1,400,000 µg/l	Fish – Western mosquitofish – Gambusia affinis – 20 to 30 mm	96 hours

Products of degradation

Carbon oxides (CO, CO₂) and water.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Local, State and Federal regulations.



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SECTION 14: TRANSPORTATION INFORMATION

DOT Non-Bulk
NOT REGULATED

DOT Bulk
NOT REGULATED

IMGD
NOT REGULATED

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
NOT REGULATED

ICAO/IATA
NOT REGULATED

SECTION 15: REGULATORY INFORMATION

OSHA Hazard Communication Standard

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910. 1200.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act 1986) Sections 311 and 312

Immediate (Acute) Health Hazard	Yes
Delayed (Chronic) Health Hazard	No
Fire Hazard	No
Reactive Hazard	No
Sudden Release of Pressure Hazard	No

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List:

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Special Hazardous Substances List:

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR, Appendix A)

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

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US. Toxic Substances Control Act

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

CEPA – Domestic Substances List (DSL)

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

European Inventory of Existing Commercial Chemical Substances (EINECS)

This product is a polymer according to the definition in Directive 92/32/EEC (7th Amendment to Directive 67/548/EEC) and all of its starting materials and intentional additives are listed in the European Inventory of Existing Commercial Chemical Substances (EINECS) or in compliance with European (EU) chemical inventory requirements.

SECTION 16: OTHER INFORMATION

	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.