



Material Safety Data
DSC Products Inc.
MSD#: 2104B

Date Prepared: 05/01/2001

	Health	Fire	Reactivity	Special	Personal Protection Index
NFPA	2	2	0	0	B
HMIS	2	2	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	INVADE	Product Type	Solvent cleaner
Chemical Family	Petroleum distillate	Formula	N/A

SECTION 2: HAZARDOUS INGREDIENTS

Name/Common Name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Odorless Mineral Spirits		64742-48-9		
Alkyloxy polyethylene oxyethanol		68131-40-8		
2 Butoxy ethanol		111-76-2		

SECTION 3: PHYSICAL DATA

Boiling Point (degrees F)	340 F	Specific Gravity (H2O=1.0)	.85	pH	N/A
Vapor Pressure (mm Hg)	10	Vapor Density (Air = 1)	5	Melting Point (degrees F)	N/A
Solubility in Water	Complete	Invisible	Emulsible (or dispersible)	Slight (or partial)	X
Evaporation Rate (vs. H2O)		Faster x	Slower	About the same	
Appearance and Odor			Clear, colorless, liquid	Characteristic	

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	125F	Boiling	None to limits
Flammable Limits	N/A	Upper 6.5	Lower .7
Extinguishing Media	Dry chemical, water spray, CO2	Special Fire Fighting Procedures	Self contained breathing apparatus
Unusual Fire and Explosion Hazards	None		

SECTION 5: REACTIVE DATA

Stability	Stable	Incompatibility	Strong oxidizing agents
Hazardous Decomposition Products	Carbon monoxide, organic fumes	Hazardous Polymerization	Will not occur



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SECTION 6: HEALTH HAZARDS

Threshold Limit Value – Product (Section 2-TLV)		None Established X		Not Applicable		
Primary Routes of Exposure		Eye X	Skin X	Oral	Inhalation X	Other
Signs and Symptoms of Over-exposure (acute)						
Eyes	May Cause irritation		Skin	Prolonged contact may defat the skin and cause irritation		
Inhalation	Dizziness, headaches, to unconsciousness		Ingestion	May cause irritation of the 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

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	DO NOT INDUCE VOMITING, get immediate medical attention
Inhalation	Remove to fresh air, if unconscious give artificial respiration, if breathing is difficult, consult physician.

SECTION 8: SPECIAL PROTECTION INFORMATION

Respiratory Protection		Use a NIOSH approved respirator for organic vapors	
Ventilation	Fan or equivalent	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: SPILL OR LEAK PROCEDURES

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 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. Keep away from heat or flames.

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.

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