



Safety Data Sheet

DSC Products Inc.

SDS#: 2020B

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	EXCLUDE	Product Type	Gum Remover
Chemical Family	Aromatic	Formula	N/A

SECTION 2: HAZARDOUS IDENTIFICATION

GHS Classifications:

Flammable Liquids (Category 3)
Skin Irritation (Category 2)
Eye Irritation (Category 2A)
Specific target organ toxicity – single exposure (Category 3)

GHS Phrases:

Warning, H226 – Flammable liquid vapor.
Warning, H315 – Causes skin irritation.
Warning, H319 – Causes serious eye irritation.
Warning, H335 – May cause respiratory irritation.

GHS Label Elements

Signal Word:

Warning



GHS Pictograms:

Precautionary Statements:

Prevention:

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

Response:

-Eyes

-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Seek medical advice/attention.

-Skin

-IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

-Ingestion

-IF SWALLOWED: Will cause irritation/corrosion of the GI tract. Seek immediate medical attention.



Safety Data Sheet

DSC Products Inc.

SDS#: 2020B

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name/Common Name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Aromatic naphtha		64742-95-6		
D'LIMONENE		5989-27-25		

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	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 5: FIRE FIGHTING MEASURES

Flash Point (T.C.C.)	106	Boiling	None to limits
Flammable Limits		Upper 7.0	Lower .9
Extinguishing Media	Dry chemical, CO2, water spray	Special Fire Fighting Procedures	Self contained breathing apparatus
Unusual Fire and Explosion Hazards	Be aware of decomposition products, combustible		

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: EMERGENCY AND FIRST AID PROCEDURES

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: SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not required unless product is atomized, then use NIOSH approved respirator		
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		

COMPONENT #	OSHA PEL TWA STEL	ACGIH TLV TWA STEL	NIOSH TWA STEL
1. Naphtha heavy alkylate	100ppm/525mg/m3	100ppm	350mg/m3

Engineering Controls

The level of protection and types of control will vary depending upon potential exposure conditions. If user operations generate dust, fume or mist, use adequate ventilation to keep exposure below exposure limit.

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SECTION 9: SPILL OR LEAK PROCEDURES

Boiling Point (degrees F)	194 F	Specific Gravity (H2O=1.0)	.89	pH	N/A
Vapor Pressure (mm Hg)	10	Vapor Density (Air = 1)	40	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, aromatic				

SECTION 10: STORAGE AND HANDLING INFORMATION

Stability	Stable	Incompatibility	Strong oxidizing agents
Hazardous Decomposition Products		Hazardous Polymerization	Will not occur

SECTION 11: ENVIRONMENTAL INFORMATION

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	Causes irritation	Skin	Prolonged contact defats skin, causes irritation.		
Inhalation	May cause anesthetic action and cardiac sensitization	Ingestion	May cause irritation of the digestive 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 12: ECOLOGICAL INFORMATION

Following data is available for tall oil fractions:

Tall Oil Fatty Acids:

Growth Inhibition Test, OECD 201 (Alga): AUC, 72-hr EL₅₀ = 854.90 mg/l with NOELr = 500 mg/l; Average Specific Growth Rate, 72-hr EL₅₀ = >1000 mg/l, NOELr = 500 mg/l at 0 – 48-hr & 750 mg/l at 0 – 72-hr

Acute Toxicity, OECD 202 (Daphnia): 48-hr EL₅₀ = >1000mg/l, NOELr = 1000 mg/l

Acute Toxicity, OECD 203 (Fathead Minnows): 96-hr LL₅₀ = >1000mg/l, NOELr = 1000 mg/l

Ready Biodegradation (modified Sturm test): 74% after 28 days

Partition coefficient (HPLC): log₁₀ Pow 4.9 to 7.6

EL₅₀ = Effective Loading under static conditions to solutions prepared as Water Accommodated Fractions (WAF) at different loading rates.

AUC: Area Under Growth Curve

www.dscprod.com



Safety Data Sheet

DSC Products Inc.

SDS#: 2020B

LL₅₀ = Median Lethal Loading under static conditions to solutions prepared as Water Accommodated Fractions (WAF) at different loading rates.

NOELr = The No Observed Effect Loading Rate under the conditions of the test.

Crude Tall Oil:

Growth Inhibition Test, OECD 201 (Alga): NOELr = 100 mg/l;

Acute Toxicity, OECD 202 (Daphnia): 48-hr EL₅₀ = 32 → 100 mg/l
Acute Toxicity, OECD 203 (Zebra Fish): 96-hr LL₅₀ = 20 → 100 mg/l
Ready Biodegradation (Manometric
Respirometry Test): 79-83% after 288 days – Readily
biodegradable
Partition coefficient (HPLC): log 10 Pow 4.9 to 7.7

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of waste by incineration in accordance with all local, state and federal regulations.

Resource Conservation and Recovery Act (RCRA): This product is not included in the lists of hazardous substances (40 CFR 261.33), nor does it exhibit the characteristics of hazardous waste (40 CFR 261.20-24).

SECTION 14: TRANSPORTATION INFORMATION

Ship per regulations 49 CFR. Non-hazardous for air, sea and road freight.

SECTION 15: REGULATORY INFORMATION

Toxic Substances Control Act (TSCA): The components of this product are on the TSCA Inventory.

Sara, Title III, and Section 313 (40 CFR 372): This product contains the following substances which are reportable under SARA Toxic Chemical Release Reporting Regulations:

Chemical Name	CAS#	Wt%
None		

SARA 311/312 Hazard Categories: This product has the following hazard categories: None.

New Jersey Worker and Community Right To Know Act: This product contains the following top five ingredients:

Chemical Name	CAS or NJTS#	Wt%
Proprietary Tall Oil Fractions	NJTS# 7337	100

Pennsylvania Worker and Community Right To Know Act: This product contains the following substances which appear on the Hazardous Substance List:

Chemical Name	CAS#	Wt%
None		



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International Inventory Status: This product is either listed or exempt from listing on the following inventories:
Europe EINECS.

California Prop 65: This product does not contain any materials included on the California Proposition 65 list.

SECTION 16: OTHER INFORMATION

	Health	Fire	Reactivity	Special	Personal Protection Index
NFPA	2	2	0	0	B
HMIS	2	2	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.