

Material Safety Data Sheet

Number: **DMN0522**

Product Name: **Daco[®] Gum & Tar Remover**

A liquid detergent.

Revised: 2/2/11

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Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Carcinogen</u>
D-Limonene	5989-27-5	20 - 25	No
.alpha.-undecyl-.omega.-hydroxy- Poly(oxy-1,2-ethanediyl)	34398-01-1	3 - 7	No
2-[2-(Methoxymethylethoxy) methylethoxy]-propanol	25498-49-1	3 - 7	No

Section 3 - Hazards Identification

Emergency Overview: Liquid is very irritating to the eyes and moderately irritating to the skin. A white opaque paste with orange odor. Product does not burn and poses little hazard in a fire.

Health Hazards: Irritant

Physical Hazards: None

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

Eyes - causes irritation, redness, tearing, blurred vision and possible eye damage.

Skin - brief contact has slight effect. Prolonged contact causes irritation, defatting, dermatitis.

Swallowing - causes gastrointestinal irritation, nausea, vomiting and diarrhea.

Breathing - excessive inhalation of vapors may cause irritation, nausea.

Section 4 - First Aid Measures

Eye Contact: Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

Skin Contact: Wash the exposed area with soap and water. If irritation develops and persists, get medical attention. Launder contaminated clothing before re-use.

Inhalation: Move the affected person to fresh air. If irritation persists, get medical attention.

Ingestion: If the affected person is conscious, give a glass of water to drink. Do NOT induce vomiting. Treat for shock by keeping the person warm and quiet. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Flash Point: 120° F. (ASTM D-56 closed cup) There is no open cup flash point. The product is not flammable and will not burn.

Lower Explosive Limit: Not Available

Upper Explosive Limit: Not Available

Extinguishing Media: Any

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: None.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Scoop back into container or wipe or mop up. Rinse area with water.

Section 7 - Handling and Storage

Keep container closed when not in use. Keep out of reach of children. Do not store at temperatures above 110° F. Empty containers retain product residue. Observe all precautions given in this data sheet. Contaminated rags may create flammable vapors in an enclosed container.

Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
D-Limonene	5989-27-5	20 - 25	no published limits are known		
.alpha.-undecyl-.omega.-hydroxy- Poly(oxy-1,2-ethanediyl)	34398-01-1	3 - 7	no published limits are known		
2-[2-(Methoxymethylethoxy) methylethoxy]-propanol	25498-49-1	3 - 7	no published limits are known		

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=Canada TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

Ventilation: Normal room ventilation.

Respiratory Protection: None under expected use conditions with good ventilation.

Gloves: Wear rubber or latex gloves while using. Disposable latex gloves are okay.

Eye Protection: If eye contact with the product is possible, wear safety glasses with side shields.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Boiling Point: 212° F.

Specific Gravity: 0.96

Percent Volatiles: 25%

Solubility In Water: Complete

Appearance and Odor: White opaque paste with orange odor.

Vapor Pressure: Not Available

Vapor Density: Not Available

Evaporation Rate: Same as water.

pH: 9.5 ± 0.5

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Target Organs: None. **LD₅₀** (Rat Oral): > 25g/kg

Section 12 - Ecological Information

Do not dispose of in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Wash small amounts at a time to a sanitary sewer with a large amount of water.

Section 14 - Transport Information

D.O.T. Hazard Class: Consumer Commodity ORM-D.

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA: H:1 F:1 I:0 **HMIS[®] III:** H:2 F:1 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA[®] is a mark registered by the NFPA. HMIS[®] is a mark registered by the NPCA.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.