

Material Safety Data Sheet

Number: **DMN0434**

Product Name: **Clean Pass™**

A liquid solvent cleaner.

Revised: 4/19/06

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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	1 – 5%	No
Potassium tallate	68647-71-2	1 – 5%	No
Surfactants	9016-45-9	1 – 5%	No

Section 3 - Hazards Identification

Emergency Overview: Liquid may be irritating to the eyes and skin. Excessive inhalation of vapors may cause irritation. Product is water based and presents little hazard in a fire. A light yellow liquid with a citrus odor.

Health Hazards: Irritant

Physical Hazards: None

Primary Routes of Entry: Through Skin Inhalation Ingestion

Potential Health Effects:

Eyes – May cause irritation and redness.

Skin - May cause mild irritation. May be absorbed through skin with prolonged or repeated contact.

Swallowing - may cause gastrointestinal irritation, nausea, diarrhea.

Breathing - excessive inhalation in poorly ventilated areas may cause respiratory irritation.

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 exposed skin with mild soap and water.

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

Ingestion: If the product is swallowed, do NOT induce vomiting. If the affected person is conscious, give a glass of water to drink. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Flash Point: 127° F. (closed cup). There is no open cup flash point. The product is not flammable and will not burn. Vapors could flash in the container head-space if ignited.

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: Small spills of a few gallons may be cleaned up with a rag or mop. Larger spills should be diked to prevent spreading and then collected into clean pails or drums. Absorbent material may be used. Large spills could produce flammable vapors in a closed area. Eliminate sources of ignition.

Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

Store in a cool, dry area away from sources of ignition.

Do not weld or cut on or around containers. Vapors in the head-space may be flammable.

Wash hands with soap and water after handling.

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	1 – 5%	no established limits are available		
Potassium tallate	68647-71-2	1 – 5%	no established limits are available		
Surfactants	9016-45-9	1 – 5%	no established limits are available		

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

Ventilation: Good room ventilation. Mechanical ventilation is normally not needed except in small closed areas.

Respiratory Protection: None normally required with good room ventilation.

Gloves: Persons with sensitive skin or who use the product for prolonged periods may wish to use rubber or latex gloves. Disposable latex gloves may be used.

Eye Protection: Use of diluted product does not require eye protection. If splashing of the concentrate is likely, the use of safety glasses with side shields, especially for contact lens wearers, is suggested.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Boiling Point: 212° F.

Specific Gravity: 1.00

VOC Content: 1.5%

Solubility In Water: Complete

Appearance and Odor: Light yellow liquid with citrus odor.

Vapor Pressure: < 30 mm Hg

Vapor Density: < 1 (Air = 1)

Evaporation Rate: Same as water.

pH: concentrate 10.3 ± 0.3 - **pH of 1% solution:** 7.8

Section 10 - Stability and Reactivity

Incompatibility: Oxidizers

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

LD₅₀: of the mixture is not established. The LD₅₀ of d-limonene is >5g/kg.

Target Organs: None.

Section 12 - Ecological Information

Do not dispose of unusable product in the environment. Do not allow run-off into public waterways.

Section 13 - Disposal Considerations

Waste Disposal Method: Dispose of up to 1 gallon of concentrate in the sanitary sewer with a large amount of water. Larger amounts should be disposed of only as permitted by federal, state and local regulatory authorities.

Section 14 - Transport Information

D.O.T. Hazard Class: Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

Section 15 - Regulatory Information

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

WHMIS Class: B3; D2B

Section 16 - Other Information

NFPA: H:1 F:1 I:0 **HMIS® III:** H:1 F:2 P:0 **Maximum Personal Protection:** B

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.

First issue sheet.

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.