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## MEAN GREEN ( AEROSOL)

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This Material Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

If present, IARC, NTP, and OSHA Carcinogens are identified with an asterisk (\*) in this section.

<u>Ingredient(s)</u>	<u>Exposure Limits</u>	<u>Percent</u>	<u>Note</u>
Dichloromethane CAS #: 75-09-2	25ppm	55.0%	
Aliphatic Hydrocarbon	Not Established	5%	
Propane CAS # 74-98-6	1000ppm	25%	
Isobutane CAS # 75-28-5	Not Established	10%	

### SECTION 3: HAZARDS IDENTIFICATION

**Permissible Exposure Limits:** Not established for this product.

**Effects of Acute Overexposure:**

**Eyes:** Can cause severe irritation, redness, tearing, blurred vision.

**Skin:** Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

**Breathing:** Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. Methylene Chloride can raise the level of Carbon Monoxide in the blood causing cardiovascular stress.

**Swallowing:** No information.

**Primary Route(s) of Entry:** Skin contact, eye contact, and inhalation.

### SECTION 4: FIRST AID MEASURES

**EYES:** Flush eyes with large amounts of water, lifting upper and lower lids occasionally, seek medical attention.

**SKIN:** Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use. Get medical attention if irritation persists. Mineral oil, baby oil, makeup remover, mineral spirits, or other similar mild solvent may be used to remove the sticky resin residue left by the adhesive.

**BREATHING:** Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult administer oxygen. Keep person warm and quiet. Seek immediate medical attention.

**SWALLOWING:** Do not induce vomiting. Give two glasses of water if conscious. Never give anything by mouth to an unconscious person. Get immediate medical attention.

### SECTION 5: FIRE FIGHTING MEASURES

**Flash Point:** N.A.

**Explosive Limit:** Lower: 0.7% Upper: 25.0%

**Autoignition temperature:** N.D.

**Extinguishing Media:** CO2, dry chemical foam, water fog.

**Unusual fire and explosion hazards:** Vapors can ignite or decompose from extremely high intensity ignition source liberating toxic gasses. Vapors are heavier than air and travel along the ground or may be moved by ventilation to locations distant from the material handling point.

**Fire Fighting Procedures:** Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires. Keep fire exposed containers cool with water fog.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Spills:** Eliminate sources of ignition & ventilate area. Persons not properly equipped should be excluded from area. Stop spill at source – prevent spreading. Avoid inhalation of vapors. Avoid skin contact with liquid. Soak up on absorbent material and place into proper container for disposal. Use non-sparking scoops for flammable materials. Clean walking surfaces thoroughly to reduce slipping hazard.

**SECTION 7: HANDLING AND STORAGE**

**Handling:** Do not transfer to plastic, rubber, or aluminum container.

**Storage:** No information

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls:** Provide sufficient mechanical ventilation (general and/or local exhaust) ventilation to maintain exposure below TLV(S).

**Respiratory Protection:** If work place exposure limits of product or any component is exceeded, use a NIOSH/MSHA approved respirator. Consult your safety equipment supplier for recommendations. Cartridge type respirators are not acceptable to protect against Methylene Chloride exposure except as emergency escape respirators. Air supplied respirators are required by OSHA when Methylene Chloride exposures exceed their permissible exposure limits or short term exposure limits.

**Skin Protection:** Wear impervious gloves if method of use involves skin contact with product. Consult your safety supply vendor for glove recommendations.

**Eye Protection:** Wear safety glasses at minimum, more extensive protection may be necessary depending on how the product is to be used.

**Other Protective Equipment:** Wear impervious clothing if bodily exposure is anticipated. Consult your safety supply vendor for recommendations.

**Hygienic Practices:** Wash hands before eating or smoking. Smoke in designated areas only. Remove and launder clothing if contaminated.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<u>Property</u>	<u>Measurement</u>	<u>Property</u>	<u>Measurement</u>
Boiling Point	103 - 396°F	Vapor density	is heavier than air
Odor	sweet ether-like odor	Odor threshold	N.D.
Appearance	green liquid	Evaporation rate	is faster than Butyl Acetate
Solubility in H2O	negligible	Specific gravity	1.1721
Freeze point	N.D.	pH @ 0.0%	N.D.
Physical state	liquid	Viscosity	N.D.

Coefficient of water/oil distribution: N.D.

(see section 16 for abbreviation legend)

**SECTION 10: STABILITY AND REACTIVITY**

**Conditions to Avoid:** Heat, sparks, welding arcs, and open flame.

**Hazardous Polymerization:** Will not occur under normal conditions.

**Hazardous Decomposition Products:** Carbon monoxide and carbon dioxide. Various hydrocarbons, Hydrogen Chloride, Phosgene, Chlorine.

**Stability:** This product is stable under normal storage conditions.

**Incompatibility:** Strong alkalis, reactive metals, oxygen, nitrogen peroxide, sodium, potassium, strong oxidizers.

**SECTION 11: TOXICOLOGICAL INFORMATION**

No product or component toxicological information is available.

**SECTION 12: ECOLOGICAL INFORMATION**

No data available at this time.

**SECTION 13: DISPOSAL CONSIDERATIONS**

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

**SECTION 14: TRANSPORTATION INFORMATION**

DOT PROPER SHIPPING NAME: not regulated

Methylene Chloride is a component of this product, the product itself does not meet the DOT criteria for a poison.

**SECTION 15: REGULATORY INFORMATION**

**OSHA:** Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

**CERCLA-SARA HAZARD CATEGORY:** This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 an 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT/WT% IS LESS THAN
Dichloromethane	75-09-2	65.0%

**TOXIC SUBSTANCES CONTROL ACT:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

**INTERNATIONAL REGULATIONS:** As follows –

**CANADIAN WHMIS:** This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

**CANADIAN WHMIS CLASS:** No information available.

: On January 10<sup>th</sup>, OSHA published a final standard for exposure to Methylene Chloride. The final rule becomes effective April 10, 1997. The new action limit for Methylene Chloride is 12.5ppm, The PEL is 25ppm and there is a STEL of 125ppm for a 15 minute period.

**SECTION 16: OTHER INFORMATION**

**HMIS RATINGS:** Health: 3 Flammability: 1 Reactivity: 0

**Volatile by weight:** 64.6%

**VOC content:** 2.4% by weight, 29 grams/liter total product, 63 grams/liter less water and exempt, 0.24 lbs/gal.

**Legend:** N.A. = not applicable, N.D. = not determined, N.E. = Not Established

The information accumulated and reflected in this Material Safety Data Sheet is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

