

Marshall Retouching: MARLENE

00426-1003

Safety Data Sheet (SDS)
OSHA HazCom Standard 29 CFR 1910.1200 GHD Rev 03

**Section 1: Company and Product Identification****Product Name: MARLENE Solution****Product Code:** MSM, MSM1, MSBLM1

Company: OmegaBrandess Distribution
626 Hanover Pike, Suite 102
Hampstead, MD 21074
PH: 410-374-3250 / FAX: 410-374-3184
www.OmegaBrandess.com

Emergency Response: CHEMTREC **1-800-424-9300** (24 Hour Response)
Poison Control: **1-800-222-1222**

Section 2: Hazards Identification

GHS02

GHS08

GHS07

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Hazard Pictograms:**Signal Word:**

Danger

Hazard Category:

Flammable Liq Cat 3
Specific target organ tox, single exp. Cat 3 (resp irrit)
Skin corrosion/irritation Cat 2
Germ cell mutagenicity Cat 2
Hazard to aquatic environment, chronic Cat 3
Serious eye damage/eye irritation Cat 2

Hazard Statements:

H226: Flammable liquid and vapour
H335: May cause respiratory irritation
H315: Causes skin irritation
H341: Suspected of causing genetic defects
H412: Harmful to aquatic life with long lasting effects
H319: Causes serious eye irritation

Precautionary Statements:

P202: Do not handle until all safety precautions have been read and understood
P280: Wear protective gloves/protective clothing/eye protection/face
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P302+350: IF ON SKIN: Gently wash with plenty of soap and water
P337+313: If eye irritation persists get medical advice/attention
P403: Store in a well ventilated place
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing becomes difficult, seek immediate medical attention
P333+313: If skin irritation or a rash occurs: Get medical advice/attention
P501: Dispose of contents/container in accordance with local/national/international rules.

Hazards not otherwise classified:

Not applicable, none known.

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Section 3: Composition / Information on Ingredients

Hazardous substance (name)	Hazard Category	CAS#	Weight %
Trichloroethylene	Not Classified	79-01-6	75%
Propylene Glycol Monomethyl Ether Acetate	Not Classified	108-65-6	25%

Section 4: First Aid Measures

General Info: If seeking medical attention, provide SDS document to physician.

Note to Physicians: Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmia. Sympathomimetic drugs may imitate cardiac arrhythmia in persons exposed to this material.

Notable Exposure symptoms: Gastrointestinal irritation (nausea, vomiting, diarrhea), irritation (nose, throat, respiratory tract), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), and death.

If ingested: Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. Rinse mouth thoroughly. Remove dentures if applicable. Move person to fresh air and keep in a comfortable position for breathing. **Do not induce vomiting.** May cause irritation of the mouth. Seek medical attention if adverse health effects persist or become severe.

If inhaled: Exposure to vapor of mist is possible. Short-term inhalation toxicity is low. Breathing small amounts during normal handling is not likely to cause harmful effects; breathing large amounts may be harmful. Move individual to fresh air. Loosen clothing and position individual in a comfortable position. If breathing is difficult, administer oxygen if available. Seek medical advice if discomfort or irritation persists.

Eye contact: Exposure causes eye irritation. Symptoms include stinging, tearing, redness, and swelling. Protect unexposed eye. Remove any contact lenses. Rinse/flush affected eye gently with water for 15-20 minutes. Seek medical attention if irritation persists or if pain develops and persists.

Skin contact: Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns. Remove any contaminated clothing and wash before reuse. Wash affected area with soap and water. Rinse well for 15 minutes. Seek medical advice if discomfort or irritation persists.

Additional Info: Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals, and may aggravate pre-existing disorders of these organs in humans: liver abnormalities, spleen damage, nervous system damage, kidney damage, lung damage, brain damage. Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans, and may aggravate pre-existing disorders of these organs: liver abnormalities, anemia, lung damage. Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

Section 5: Fire Fighting Measures

General Info: Product is flammable. Isolate any uncompromised product from area if possible. Do not breath fumes. Cool unopened containers with water.

Extinguishing Method / Equipment: Carbon dioxide (CO₂), dry chemical, foam. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

Hazardous Decomposition Info: May emit toxic fumes under fire conditions. Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

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Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing vapors. Ventilate area if easy to do so. Contact local authorities if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Containment Equipment and Procedures: Small spills: Should be picked up w/ absorbent material and transferred into closed metal containers and soaked with water Larger Spills can be scooped up and put into metal containers to be salvaged.

Cleanup Procedures: Carefully dispose of in secure landfills or a special waste landfill. Dispose of all waste and cleanup materials in accordance with regulations. Do not allow undiluted product or large quantities of it to reach ground water, surface water or sewage systems.

Section 7: Handling and Storage

Safe Handling Precautions: Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment.

Recommendations for Storage: Store in cool area in product container away from sources of ignition or flame. Do not store in aluminum equipment. Store away from foodstuffs. Store in a cool, dry conditions in well sealed containers. Avoid accumulation of contaminated rags or wiping materials by immediately immersing in water.

Incompatibilities: Store away from Aluminum, oxidizing agents and Chlorinated Rubber.

Section 8: Exposure Control / Personal Protection

General / Engineering Controls: Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye wash facilities should be available when handling this product.

Work Clothing: Protective work clothing which covers skin and prevents exposures.

Eye/face protection: Wear safety goggles or face shield.

Skin Protection: Wear neoprene rubber gloves. Prevent repeated or prolonged skin contact.

Respiratory Protection: Not normally required under normal conditions of use.

Additional Information: Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or exposed skin after using the product.

Substances with Exposure Limits	CAS#	ACGIH-TLV	OSHA-PEL
Trichloroethylene	79-01-6	100ppm/15 min	200 ppm / 8 hrs

Section 9: Physical and Chemical Properties

State: liquid **Melting Point:** Not avail **Freezing Point:** Not avail

Color: Clear **Boiling Point/Range:** 188° F **pH:** Not avail

Sp Grav: 1.337 **Odor:** Strong **Water Solubility:** Yes

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Evaporation rate: < 1	Flash Point: 120° TCC	Part. Coeff (n-octanol/water) Not avail
Upper Flam Limits: Not avail	Lower Flam Limits: Not avail	Vapor Pressure: 58 mmHg
VOC Content (lbs/gal): Not avail	Viscosity: Not avail	Autoignition Temp: 670° F

Section 10: Stability and Reactivity

General: This product is stable and non-reactive under normal conditions of use. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources.

Incompatible materials: Strong oxidizing agents, chlorinated rubber, aluminum, strong alkalis.

Decomposition products: May form carbon dioxide and carbon monoxide, hydrogen chloride, phosgene, various hydrocarbons

Section 11: Toxicological Information

General Information: Contains chemicals which may be irritants in contact with skin and eyes or if inhaled. May be harmful if ingested. May be harmful to the hepatic and renal systems. Causes serious eye irritation.

Toxicological Information (product): The components of this material have been reviewed and the following selected endpoints are published.

Likely Routes of Exposure: Inhalation of vapors, dermal

Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Trichloroethylene	4920 mg/kg (rat)	NA	12,000 ppm/4 hours (rat)	Skin, Eye

Carcinogenicity or mutagenicity: There are suspected carcinogenic materials in this product

Sensitization: Product is not expected to be a sensitizer.

Reproductive Toxicity: Suspected of causing genetic defects.

Other Notes: Repeated and prolonged exposure may cause delayed effects involving the respiratory and renal systems.

Section 12: Ecological Information

General information: This product is water soluble and may spread in water systems if not handled and disposed of properly. Harmful to aquatic life with possible long lasting effects.

Aquatic toxicity: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Degradation / Mobility info: Water soluble.

Bioaccumulative potential: No data available on bioaccumulation.

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Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations.

Container disposal: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since empty containers retain product residue, follow label warnings even after container is emptied.

Other considerations: No further information.

Section 14: Transport Information**

DOT: Not dangerous/hazardous goods in regulated quantities .

IMO/IMDG: **

IATA: **

Section 15: Regulatory Information**

TSCA: **

CERCLA RQ: **

SARA 311/312: **

SARA 313 **

California Prop 65 **

Substances:

Canadian DSL: **

WHMIS: **

Section 16: Other Information

SDS Author: *Stephanie M. Wilson*

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** *Since other agencies regulate this information, OSHA does not require and will not be enforcing sections 12-15 (29 CFR 1910.1200(g)(2))*

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All chemicals may pose unknown hazards and should be used and handled with caution. This Safety Data Sheet applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, **OmegaBrandess Distribution assumes no responsibility for the completeness or accuracy of the information contained herein. The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.*