



MATERIAL SAFETY DATA SHEET

Date 21-01-03 Rev. 00

HMIS Ratings: Health: 1 Flammability: 1 Reactivity: 0

1. COMPANY AND PRODUCT IDENTIFICATION

1.1 Product name Mender M850-22304

1.2 Description Water based dulling agent

1.3 Supplier RPM, WFG, Inc.  
3194 Hickory Blvd.  
Hudson, NC 28638  
Phone: 828-728-8266

1.4 Manufacturer FENICE S.p.A. - Valdagno - Vicenza - Italy  
Leather Finishing Chemicals  
Via Del Lavoro 1 - 36078 Valdagno -Vicenza - Italy  
Tel. +39 • 0445 • 424888 Fax +39 • 0445 • 403607  
Email: [info@fenice.com](mailto:info@fenice.com) http: // www.fenice.com  
Tax code and VAT No- IT 00688890243

2. COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous Ingredient	CAS Nr.	% (Wt./Wt.)
Dipropylene glycol methyl ether	34590-94-8	14-18
N-methyl-2-pyrrolidone	872-50-4	1-2

3. HAZARDS IDENTIFICATION

Potential Health effects:

3.1 Skin contact: May cause minor skin irritation after prolonged contact.

3.2 Eye contact: May irritation. Eye contact may result in tearing and reddening, but not likely to permanently injure.

3.3 Inhalation: May cause respiratory irritation.

3.4 Ingestion: May cause gastrointestinal discomfort.

4. FIRST AID MEASURES

4.1 Skin contact

Flush skin with water followed by washing with soap and water. If symptoms develop or persist, get medical attention. Remove contaminated clothing/shoes. Wash clothing before re-use.

4.2 Eye contact

Flush immediately with plenty of water for at least 15 minutes while holding eyelids open. Obtain medical attention without delay.

#### 4.3 Inhalation

If inhaled, move person to fresh air. If breathing is difficult, give oxygen. If unconscious, evaluate the need for artificial respiration. Get immediate medical attention.

#### 4.4 Ingestion

Do not induce vomiting and seek medical attention immediately. Drink two glasses of water to dilute material in stomach. Never give anything by mouth to an unconscious person.

### 5. FIRE FIGHTING MEASURES

5.1 Flashpoint n.a. - Not flammable product

5.2 Lower Explosive Limit n.a.

5.3 Upper Explosive Limit n.a.

5.4 Suitable extinguishing media

In case of fire use water, dry chemical, CO2 or alcohol foam.

5.5 Fire fighting instructions

As in any fire wear self-contained breathing apparatus and full protective gear. Keep unnecessary people away. Isolate area. Containers may build up pressure when exposed to heat or fire. Cool down with water spray.

### 6. ACCIDENTAL RELEASE MEASURES

6.1 Intervention

Use personal protective equipment as described in section 8. Contain spillage with absorbent material such as clay, soil, or any commercial absorbent available.

6.2 Clean-up

Place in a chemical waste container. Dispose of observing local, state and federal law and regulations. Do not contaminate lakes streams, ponds, groundwater or soil.

### 7. HANDLING AND STORAGE

7.1 Handling

Use only in a well ventilated area. Avoid contact with eyes, skin and clothing. Avoid breathing vapor. Additional local exhaust ventilation is recommended where mists or vapors may be released.

7.2 Storage

Store in a cool, dry place. Keep container closed when not in use.

## 8. PERSONAL PROTECTION / EXPOSURE CONTROL

### 8.1 Respiratory protection

If it is possible to generate significant levels of vapors or mists during use, a NIOSH approved respirator with appropriate filter units is recommended.

### 8.2 Eyes protection

Wear chemical safety goggles.

### 8.3 Skin protection

Wear impermeable gloves.

### 8.4 Occupational Exposure Limits

N-methyl-2-pyrrolidone: not established

## 9. PHYSICAL/CHEMICAL DATA

9.1	Appearance	viscous liquid
9.2	Color	whitish
9.3	Odor	mild
9.4	pH (at 100 g/l, water and 20°C)	7-8
9.5	Boiling point range	> 212 °F
9.6	Freezing point/range	< 32 °F
9.7	Specific gravity	1
9.8	Vapor pressure (at 20°C)	n.a. mm Hg
9.9	Water solubility	soluble
9.10	Flashpoint	n.a. °F
9.11	Explosion limits	lower n.a. %V/V upper n.a. %V/V

## 10. STABILITY AND REACTIVITY

### 10.1 Stability

Stable under normal conditions.

### 10.2 Hazardous reactions/decomposition

No hazardous reactions/polymerization/decomposition can occur under normal condition.

### 10.3 Conditions to avoid

Avoid contacts with strong acids, strong alkalis, oxidizing materials, strong reducing agents.

## 11. TOXICOLOGICAL DATA

### 11.1 Ingredients Toxicological Information

Dipropylene glycol methyl ether  
LD50 (oral, rat): >5000 mg/kg  
N-methyl-2-pyrrolidone

LD50 (oral, rat): 4200 mg/kg

12. ECOLOGICAL INFORMATION

12.1 Biodegradability

No studies have been conducted on this product.

13. WASTE DISPOSAL

Waste must be disposed of in accordance with federal, state and local regulations.

Additional special handling is not typically required and the empty container can be discarded with other non-hazardous trash. In this case the container must be rinsed with water to remove any possible residual material.

14. TRANSPORT INFORMATION

14.1 DOT: Not regulated.

15. NORMS AND REGULATIONS

15.1 TSCA: All components in this product comply with the TSCA Inventory.

15.2 Other regulations:

Regulation	Chemical name	CAS Nr.	% (Wt/Wt.)
SARA Section 313	N-methyl-2-pyrrolidone	872-50-4	1-2
California Proposition 65	N-methyl-2-pyrrolidone	872-50-4	1-2
New Jersey Right To Know	Dipropylene glycol methyl ether	34590-94-8	16
New Jersey Right To Know	N-methyl-2-pyrrolidone	872-50-4	1-2

16. OTHER INFORMATION

HMIS Ratings:

Health: 2      Flammability: 1      Reactivity: 0

Abbreviations used: n.a.= not applicable, n.av.= not available, n.e.= not established

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