

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Product Name: **META-BRILLE**

Product Use: Stainless steel polish & cleaner

WHMIS Class: D2B

TDG Classification: Not regulated

PIN Number: Not applicable

T.D.G. Shipping Name: Not applicable.

Manufactured by:

Chemotec (PM) Inc.

8820 Place Ray Lawson

Anjou, Quebec, Canada H1J 1Z2

Telephone: (514) 729-6321; 1-800-729-6321

Emergency Phone: as above or call **CANUTEC** (613) 996-6666 in case of **chemical emergency only.**

SECTION 2: HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>Wt %</u>	<u>TLV</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
Severely hydrotreated paraffinic oil	64742-46-7	30 - 60	2000 ppm	5 mg/m ³ /8h	> 5000 mg/kg (oral, rat)
Ethanolamine oleate	2272-11-9	1 - 5	n/a	n/a	n/a

SECTION 3: PHYSICAL DATA

Boiling Point (°C): 100-336

Vapor Pressure (mm Hg): 25 - 30 mm (water)

Vapor Density (Air = 1): Approx. 8

Solubility in Water: Dispersible up to 69%

Physical State: Liquid

Appearance and Odor: White liquid with cherry odor.

Specific Gravity (H₂O = 1): 0.87 at 20 °C

% Volatile (Wt %): Approx. 95

Evaporation Rate (Water = 1): 1

pH (as supplied): 8.0 - 9.5

Viscosity: <1000 cps at 25 °C

Odor Threshold (ppm): n/a

SECTION 4: FIRE AND EXPLOSION DATA

Flammability: Not flammable, not combustible, may burn if exposed to high temperatures, open flames and other ignition sources. Dense smoke may be generated while burning.

Flash Point (TCC, °C): > 93.3 LEL: Not available UEL: Not available

Hazardous Combustion Products: Smoke, carbon oxides, nitrogen oxides.

Autoignition Temperature (°C): Not available.

Means of Extinction: Foam, dry chemicals and carbon dioxide.

Special Fire Hazards: None.

SECTION 5: REACTIVITY DATA

Conditions for Chemical Instability: This product is stable under normal conditions. It does not polymerize.

Incompatible Materials: Strong oxidizing agents.

Reactivity and Under What Conditions: Not available.

Hazardous Decomposition Products: Carbon and nitrogen oxides may be generated as combustion products.

SECTION 6: TOXICOLOGICAL PROPERTIES

Route of Entry: Eyes, skin, ingestion, inhalation.

EFFECTS OF ACUTE EXPOSURE:

Eye: Irritation, tears, redness.

Skin: Slight irritation and dry skin condition may appear.

Ingestion: Headache, nausea, abdominal pain, and diarrhea may occur.

Inhalation: Breathing high concentration of mist or fumes may cause headache, nausea, vomiting, and dizziness, may cause irritation of superior respiratory tract.

EFFECTS OF CHRONIC EXPOSURE:

Irritancy: Prolonged or repeated contacts with skin may cause some irritation: skin dryness, redness, and dermatitis.

Skin Sensitization: Not sensitizing.

Carcinogenicity: No ingredient is known to be carcinogenic.

Teratogenicity: No ingredients are known to be teratogenic.

Mutagenicity: No ingredients are known to be mutagenic.

Synergistic Materials: None known.

SECTION 7: PREVENTATIVE MEASURES

Gloves: Plastic or rubber gloves recommended.

Eye Protection: Safety goggles to manipulate large quantities.

Respiratory Protection: Not required under normal applications.

Other Protective Equipment: Waterproof boots for prolonged contact with spills.

Engineering Controls: Shower and eye wash station if large quantities are manipulated. Provide adequate ventilation.

Leak and Spill Procedure: Wear personal protective equipment. Stop the leak. Pump the product into drums for disposal or clean up spills using absorbent materials and place in waste container for disposal. Resume cleaning by rinsing with water.

Wastes: Dispose according to existing federal, provincial and municipal regulations.

Storage Requirements: Keep in original tightly closed containers, in a well ventilated room. Keep from freezing.

SECTION 8: FIRST AID

Eye: Immediately rinse with plenty of water for several minutes, keeping eyelids open. Seek medical attention if irritation persists.

Skin: Rinse with water. Remove soiled clothes and wash before wearing. Seek medical attention should an irritation develop.

Inhalation: Bring the person to fresh air.

Ingestion: Drink plenty of water or milk. Do not induce vomiting. Never give anything to drink to an unconscious person. Seek medical attention immediately.

SECTION 9: PREPARATION INFORMATION

Date: 2011-09-22

Phone: (514) 729-6321

Prepared by:

Chemotec (PM) Inc.

Abbreviation:

n/a: not available

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Center for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal (514-873-3990).