

**Material Safety Data Sheet**  
**Meaner Power Cleaner (Canadian)**

**Section I : Product Information**

**Material Name Identifier:** Meaner Power Cleaner

**Manufacturer's Name:** R.B. Howes & Co. Inc.

**Emergency Telephone Number:** 401-294-5500

**Supplier's Name:** Versay Industries Ltd

**Phone Number:** 416-846-2200

**Trade Name:** Meaner Power Cleaner

**WHMIS Classification:** Class B, Division 3: Combustible Material

Class D, Division 2: Very Toxic Material

**Address:** PO Box 100, Coventry, RI, 02816

**Address:** 15 Kagen Rd., Brampton, Ontario L7A 1B2

**Product Use:** Diesel Fuel Additive



**Section II : Hazardous Ingredients**

Chemical Identity	Concentration (V/V)	CAS #	LD50 (Species And Route)	LC50
Severely Hydrotreated Petroleum Oil And Severely Refined Petroleum	30 to 60 %	64742-52-5	Not Established	Not Available
Hydrotreated Petroleum Distillate	15 to 40 %	64742-47-8	Rat - Oral > 5 g/kg	Rat -> 5 g/m3
Heavy Aromatic Naphtha	10 to 30 %	64742-94-5	3 g/kg Oral rat >3 g/kg skin rabbit	Not Available
Naphthalene	1 to 5%	91-20-3		

**Section III : Physical Data**

**Physical State :** Liquid

**Odor Threshold :** Not Determined

**Coefficient of Water/Oil Distribution :** Insoluble in Water

**Vapour Pressure ( Air = 1 ) :** <0.1 mm

**Freezing Point ( deg C ) :** Not Determined

**Evaporation Rate ( hour = 1 ) :** 0.01

**Odor and Appearance :** Light Amber with Distinctive Odor

**Specific Gravity :** 0.8 - 0.9

**Boiling Point ( deg C ) :** 172

**PH :** Not applicable

**% Volatile ( by volume ) :** 100

**Vapour Density ( Air = 1 ) :** >1

**Section IV : Fire or Explosion Hazard**

**Conditions of Flammability :** Excessive Heat

**Means of Extinction :** Foam , CO2, Dry Chemical, Water fog or spray

**Flash Point ( C ) and method :** 71 - Cleveland ( open cup )

**Upper Flammable Limits % :** Data not available

**Lower Flammable Limits % :** Data not available

**Autoignition Temperature ( c ) :** Data not available

**Hazardous Combustion Products :** Carbon Monoxide and

Asphyxiates when burning.

**Special Fire Fighting Procedures :** Use air supplied breathing equip. for enclosed areas. Avoid breathing vapors or fumes. Cool exposed containers with water spray.

**Unusual Fire and Explosion Hazard :** Data not available

**Section V : Reactivity Data**

**Stability :** *Normally stable, will not polymerize*  
**Incompatible Materials :** Strong Oxidants like liquid chlorine or concentrated oxygen.  
**Conditions to Avoid :** Excessive Heat  
**Hazardous Decomposition or Byproducts :** Carbon Oxides (CO, CO2) and Asphyxiates when Burning.

**Section VI : Toxicological Properties**

**Route(s) of Entry :** Inhalation: TLV 5mg / M3 for oil mist in the air, Skin: Prolonged Contact, Ingestion: Poisonous  
**Effect of Acute and Chronic Exposure to Product :** Prolonged or repeated skin contact may cause skin irritation. Ingestion harmful or fatal if not treated. Prolonged exposure to heavy concentrations of fumes may cause irritation to mucus membranes and sinus.  
**Signs and Symptoms of Exposure:** Eyes, skin or air passages may become red and irritated. Ingestion may cause cramps and nausea.  
**Medical Conditions Generally Aggravated by Exposure:** Respiratory diseases such as asthma. Cuts, rashes or similar skin diseases may be adversely affected by prolonged or repeated exposure.  
**Synergistic Products:** None Known  
**Evidence of Carcinogenicity, Reproductive Toxicity, Teratogenicity or Mutagenicity? :** Not Established  
**Sensitivity to Product:** Potential skin sensitizer.

**Section VII : Preventive Measures**

**Personal Protective Equipment :** Apron to avoid contact with clothing.  
**Gloves ( specify ) :** Viton, Nitrile or PVC.  
**Respiratory ( specify ) :** Not normally need however use organic vapor VAP, cartridge @ low concentrations. SCBA or line supply respirator @ high concentrations.  
**Eyes ( specify ) :** Safety Glasses w/side shield or anti-splash goggles or face shield.  
**Footwear ( specify ) :** Impervious for high exposure risk.  
**Engineering Controls :** As necessary for SMG / M3 TIV  
**Leak and Spill Procedure :** Eliminate ignition sources, isolate area, wear respirator and protective clothing. Stop leak if safe to do so. Dike / Boom to contain liquid. Recover free liquid. Use oil absorbents to clean up trace amounts. Prevent contamination of sewers and open water sources. Notify appropriate environmental agency.  
**Waste Disposal :** Dispose in accordance with local, provincial / state and federal regulations.  
**Handling Procedures and Equipment :** Keep containers closed when not in use. Do not handle near heat, sparks or strong oxidants. Ground containers for decanting. Use ventilation if necessary. **Avoid breathing fumes and prolonged / repeated skin contact.** Use good personal hygiene, launder contaminated clothing before reuse.  
**Storage Requirements :** Cool, clean, dry, well ventilated room away from sources of ignition.

**Section VIII : First Aid Measures**

**Inhalation :** Remove victim to fresh air. Call for medical help.  
**Ingestion :** DO NOT induce vomiting. Get medical help immediately. Keep victim at rest.  
**Eye Contact :** Flush with water for 15-20 minutes. see doctor if irritation persists.  
**Skin Contact :** Remove contaminated clothing, wash with mild soap and water, if irritation persists, obtain medical help.

**Additional Information**

**MSDS Preparation - Sources Used :** M.S.D.S. of product (U.S. version), Components and similar products.  
**Prepared By :** Quality control department. **Date :** April 16/02. **Revision #1**  
**Revision Notes:** New format

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