

# TECHNICAL DATA



## *M-1102B*

### **AN ALKALINE, ALL PURPOSE TRANSIT CLEANER**

M-1102B is a revolutionary all purpose liquid cleaner for removal of soil, dirt, grime, oil, etc from any hard surface. M-1102B is a balanced system of inorganic builders, organic solvents, and wetting agents with remarkable cleaning capabilities. M-1102B is a mildly alkaline product safe to use on all metals, rubber, porcelain, glass, tile, vinyl, plastic, and painted surfaces.

M-1102B is a clear green liquid, which is non-flammable, non-toxic, and biodegradable.

### **ADVANTAGES**

1. Requires no special handling.
2. Removes grease and oil.
3. Satisfactory for most general cleaning.
4. Economical to use.

### **APPLICATION**

M-1102B may be used full strength or diluted with water depending upon degree of soil to be removed. Dilute one part M-1102B with four parts water for most general cleaning. It can be applied by brush or sponge or merely sprayed direct on surface. For removal of grease deposits allow to soak after spraying and then wipe.

Typical applications of M-1102B are efficient in the following areas: Transportation industry, food plants, hotels and restaurants, institutions and industrial and building maintenance.

# MATERIAL SAFETY DATA SHEET

## Section 1 - Product Identification and Use.

**Product Name:** M-1120B

**Use:** Heavy Duty Bus Wash Detergent

**Manufacturer:**

Mondo Products Company Limited  
695 Westney Road South  
Unit #1, Ajax, Ontario L1S 6M9  
Emergency No. : 1-800-465-5676  
Canutec No.: 1-613-996-6666

**Supplier:**

Same

**TDG Hazard Classification:** n/d

**WHIMIS Classification:** D2B,E

## Section 2 - Hazardous Ingredients

Hazardous Ingredients	%w/w	PIN/CAS #	LD 50	LC 50
Sodium Metasilicate	1-5	6834-92-0	n/d	n/d
Sodium Dodecylbenzene Sulphonate	1-5	25155-30-0	n/d	n/d
Ethyleneglycol Monobutylether	1-5	111-76-2	1480mg/kg	500 ppm/4h
Alcohol Ethoxylate	1-5	68439-46-3	n/d	n/d

## Section 3 - Physical Data

**Physical State :** Liquid

**Appearance / Odour :** Clear/Mild Odour

**pH :** 11.1

**Freezing Point (~C) :** 0~

**Vapour Pressure :** Same as Water

**Solubility In Water: (20~C) :** Soluble

**Boiling Point (°C) :** 100

**Coefficient of Water/Oil Distribution :** n/d

**Evaporation Rate :** n/d

**Specified Gravity (g/cc) :** 1.08

**Vapour Density :** Same as Water

**Percentage Volatile :** >70%

**Odour Threshold (PPM):** n/d

## Section 4 - Fire and Explosion Data

**Flammable** [ ] Yes [X] No

**Flash Point (~C) :** n/a

**Auto Ignition Temp (~C) :** n/a

**Extinguishing Media :** Water [X]; Dry Chemical [X]; Carbon Dioxide [X]; Foam[X]

**Special Fire Fighting Procedures :** Normal fire fighting procedures may be used.

**Hazardous Combustion Products :** Oxides of Carbon and products of incomplete combustion.

**Explosive Sensitivity :** none

## Section 5 - Reactivity Data

**Stability :** [ ] Stable [X] Unstable [ ]

**Conditions to Avoid :** none known

**Incompatibility (Materials to Avoid) :** Strong Oxidizing Agents.

**Hazardous Decomposition Products :** None known.

**Conditions of Reactivity :** n/a

## Section 6 - Toxicological Properties

### Effects of Acute Exposure to Materials

**Eyes** : May cause irritation or possible eye injury if not rinsed immediately.

**Skin** : Prolong or repeated exposure may cause irritation.

**Ingestion**: No serious or irreversible effects expected. May cause nausea, vomiting and diarrhea.

**Inhalation**: Mist may slightly irritate nose, throat and lungs.

**Effects of Chronic Exposure to Materials** : n/d

## Section 7 - Preventative Measures

### Personal Protective Equipment

**Gloves** : Rubber Gloves

**Other** : Impervious Clothes

**Footwear** : Rubber Boots

**Eye Protection**: Chemical Goggles

**Respiratory Equipment**: None Required.

**Special Handling Procedures**: n/a

**Ventilation Requirements** :Use a well ventilated area.

Incompatibility: None Known.

**Spill Procedures** : Small spills - flush with water. Large Spill - contain and collect in a container.

Flush spill area with lots of water.

**Waste Disposal**: Dispose in accordance with all Local, Provincial and Federal Regulations.

**Storage Requirements**: Store in a cool, dry area, in a closed container. Avoid freezing.

## Section 8 - First Aid Measures

**Eyes**: Flush with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a Physician.

**Skin**: Wash contaminated area with warm water. If irritation continues get medical attention.

**Ingestion**: If victim is conscious administer 1-2 glasses of water. Contact a Physician.

**Inhalation**: Remove victim to fresh air. Contact a Physician if breathing difficulties persist.

Additional information: n/a

## Section 9 - MSDS Preparation

**Sources Used** : MSDS, WHIMIS Regs.

**Preparation Date** : October, 2010

Prepared By: Mondo Products Company Limited  
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