

# TECHNICAL DATA



## ***TRANSDet***

### **A MODERATELY ALKALINE FOAMING LIQUID VEHICLE CLEANER**

TRANSDet is a moderately alkaline, high strength foaming liquid product designed for cleaning the exterior of trucks and buses. TRANSDet is a scientifically blended product containing anionic and non-ionic detergents, mild buffered alkalis sequestering agents and solvents.

TRANSDet is used most frequently in coin-operated car washes, truck washes, transit washing and as prep product in automatic tunnels.

### ***ADVANTAGES***

1. Biodegradable and phosphate free.
2. Safe to use on all surfaces.
3. Combination of water softeners, inorganic builders and wetting agents ensure free rinsing.
4. Economical to use.
5. Quickly emulsifies and suspends road soils.
6. Built in inhibitors give protection to metal surfaces.

### ***APPLICATION***

TRANSDet is generally applied with a high pressure spray units at approx. 650-1200 psi. Dilute TRANSDet two to four ounces per gallon of water for best results. Clean the entire surface of the vehicle thoroughly. For extremely heavy cleaning, dilute TRANSDet four to six ounces per gallon of water.

After application of product with slow passes of the high pressure gun, rinse the vehicle with water and allow to dry.

Note: On days where the temp of the vehicles may exceed 80°F, TRANSDet should be applied at only one or two ounces per gallon. Test on an inconspicuous area first.

# MATERIAL SAFETY DATA SHEET

## Section 1 - Product Identification and Use.

**Product Name:** Transdet

**Use:** Bus/Train Wash Detergent/Degreaser

**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/r

**WHIMIS Classification:** D2B

## Section 2 - Hazardous Ingredients

Hazardous Ingredients	%w/w	PIN/CAS #	LD 50	LC 50
EDTA	1-5	64-02-8	n/d	n/d
Ether Iminodipropionate	1-5	64972-19-6	n/d	n/d
Sodium Metasilicate	1-5	6834-92-0	n/d	n/d
NTA	2-8	18662-53-8	n/d	n/d
Alcohol Ethoxylate	1-5	68439-46-3	n/d	n/d

## Section 3 - Physical Data

**Physical State :** Liquid

**Appearance / Odour :** Clear, Light Pink/Mild Odour

**pH :** 12.4

**Freezing Point (~C) :** n/d

**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) :** 1.12

**Vapour Density :** Same as Water

**Percentage Volatile :** >65%

**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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