



# Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200



WHMIS Class D-1B: Material causing immediate and serious toxic effects (TOXIC). WHMIS Class B-3: Combustible liquid with a flash point >200 F.

HCS CLASS: Combustible liquid III B having a flash point higher than 93.3°C (200°F). HCS Class: Irritating substance.

WHMIS (Pictograms)

WHMIS (Classification)

HCS

## Section 1. Chemical Product and Company Identification

Product Name/ Trade name	<b>DM120</b>	Code	120
Synonym	Dust Mop Treatment	CAS #	Not applicable.
Chemical Family	Not available.	Validation Date	5/8/2006
Chemical Formula	Not applicable.	Print Date	5/8/2006
Manufacturer/ Supplier	Betco Corporation 1001 Brown Avenue Toledo, Oh 43607 (419) 241-2156	In Case of Emergency	Chemtrec (800) 424-9300
TSCA	TSCA Inventory: All components listed or are exempt from listing.		
DSL/ NDSL	All components listed unless noted elsewhere on this MSDS		
		<b>Protective Clothing</b> 	

## Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
Petroleum Distillates	64742-80-9	>96	Not available.	Not available.

## Section 3. Hazards Identification

Potential Acute Health Effects	Irritant. May be fatal if swallowed.
Potential Chronic Health Effects	Repeated skin exposure can produce local skin destruction, or dermatitis. May aggravate existing respiratory conditions such as asthma.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

## Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

<b>Ingestion</b>	If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
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### **Section 5. Fire Fighting Measures**

<b>Products of Combustion</b>	Not available.
<b>Fire Fighting Media and Instructions</b>	In case of fire, use water spray (fog), foam or dry chemicals.
<b>Special Remarks on Fire Hazards</b>	Not available.
<b>Special Remarks on Explosion Hazards</b>	Not available.


### **Section 6. Accidental Release Measures**

<b>Small Spill and Leak</b>	Safety glasses recommended.
<b>Large Spill and Leak</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
<b>Personal Protection in Case of a Large Spill</b>	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

### **Section 7. Handling and Storage**

<b>Precautions</b>	DO NOT ingest. Do not breathe gas, fumes, vapor or spray. Wear suitable protective clothing and gloves. Store and use away from heat, sparks, open flame, or any other ignition source.
<b>Incompatibility</b>	Not available.
<b>Storage</b>	Keep out of the reach of children. Not for use or storage in or around the home.

### **Section 8. Exposure Controls/Personal Protection**

<b>Engineering Controls</b>	Good general ventilation should be sufficient to control airborne levels.
<b>Personal Protection</b>	
<i>Eyes</i>	Splash goggles.
<i>Body</i>	No special protective clothing is required.
<i>Respiratory</i>	Wear appropriate respirator when ventilation is inadequate.
<i>Hands</i>	Gloves.
<b>Protective Clothing (Pictograms)</b>	
<b>Exposure Limits</b>	<b>n-Amyl Acetate</b> TWA: 100 (ppm) TWA: 100 (ppm) from OSHA (PEL)  Consult local authorities for acceptable exposure limits.

### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Liquid.	<b>Odor</b>	Banana-like.
<b>Molecular Weight</b>	Not applicable.	<b>Taste</b>	Not available.
<b>pH</b>	Not available.	<b>Color</b>	Clear
<b>Boiling/Condensation Point</b>	240.222 (464.4°F)		
<b>Melting/Freezing Point</b>	Not available.		
<b>Critical Temperature</b>	Not available.		
<b>Instability Temperature</b>	Not available.		
<b>Specific Gravity</b>	0.84 (Water = 1)		
<b>Vapor Pressure</b>	<0.1 kPa (@ 20°C)		
<b>Vapor Density</b>	>1 (Air = 1)		
<b>Volatility</b>	Not available.		
<b>VOC</b>	Not available.		
<b>Evaporation Rate</b>	<1		
<b>Dispersion Properties</b>	Not available.		
<b>Solubility</b>	Not available.		
<b>The Product is:</b>	May be combustible at high temperature.		
<b>Auto-ignition Temperature</b>	Not available.		
<b>Flash Points</b>	Closed cup>200 F		
<b>Flammable Limits</b>	LOWER: 0.7% UPPER: 5%		
<b>Fire Hazards in Presence of Various Substances</b>	COMBUSTIBLE.		
<b>Explosion Hazards in Presence of Various Substances</b>	Containers may explode when heated.		

### Section 10. Stability and Reactivity Data

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substances</b>	Not available.
<b>Hazardous Decomposition Products</b>	Will not occur.

### Section 11. Toxicological Information

Routes of Entry	Ingestion. Skin contact. Eye Contact
Toxicity to Animals	Acute oral toxicity (LD50): 5000 mg/kg [Rat]. (Propylene Glycol).
Acute Effects on Humans	<p><i>Eyes</i> Very hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.</p> <p><i>Skin</i> Prolonged or repeated contact may cause dermatitis.</p> <p><i>Inhalation</i> Vapors may cause dizziness or drowsiness.</p> <p><i>Ingestion</i> May cause dizziness, drowsiness, or narcosis. May be fatal if swallowed.</p>
Chronic Effects on Humans	Repeated skin exposure can produce local skin destruction, or dermatitis. May aggravate existing respiratory conditions such as asthma.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.

### Section 12. Ecological Information

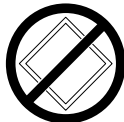
Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.

### Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

### Section 14. Transport Information

DOT (U.S.A)  
(Pictograms)



TDG Classification 3



PIN UN, Proper Shipping Name, PG Not regulated as a DOT Hazardous Material

Maritime Transportation Not available.

Special Provisions for Transport Not available.

### Section 15. Other Regulatory Information and Pictograms

**WHMIS (Classification)** WHMIS Class D-1B: Material causing immediate and serious toxic effects (TOXIC). WHMIS Class B-3: Combustible liquid with a flash point >200 F.



**Regulatory Lists** No products were found.

**Other Regulations** OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

**Other Classifications** **HCS (U.S.A.)** HCS CLASS: Combustible liquid IIIB having a flash point higher than 93.3°C (200°F). HCS Class: Irritating substance.

**USA Regulatory Lists**

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Petroleum Distillates: fire, immediate health hazard

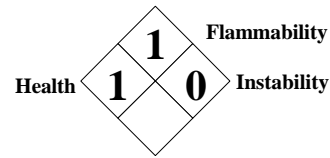
**DSD (EEC)** This product is not classified according to the EU regulations.

**International Regulations Lists** No products were found.

**Hazardous Material Information System (U.S.A.)**

Health	2
Flammability	1
Physical Hazard	0

**National Fire Protection Association (U.S.A.)**



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Specific Hazard

### Section 16. Other Information

Validated by CRushton on 5/8/2006.

Verified by CRushton.

Printed 5/8/2006.

**Information Contact** Betco Corporation  
1001 Brown Avenue  
Toledo, Ohio 43607

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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