

Material Safety Data Sheet This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200



WHMIS (Pictograms)

D-2B WHMIS Class B-5: Flammable aerosol.

HCS Class: Flammable aerosol. HCS

Class: Irritating substance.

HCS

Section 1. Cher	mical Product	and Company	/ Identification
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Product Name/ Trade name	Dust Mop Treatment	Code	035
Synonym	Dust Mop Treatment	CAS#	Not applicable.
Chemical Family	Not available.	Validation Date	3/20/2004
Chemical Formula	Not applicable.	Print Date	3/27/2004
Manufacturer/ Supplier	Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607 (419) 241-2156	In Case of Ch Emergency	nemtrec (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	P	Protective Clothing

WHMIS (Classification)

Name	CAS#	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Mineral Oil Liquified Petroleum Gas	8012-95-1 68476-85-7	<18 <12	Not available. TWA: 1000 (ppm) TWA: 1000 (ppm) from OSHA (PEL) [United States]	Not available. Not available.
3) Citrus Terpenes	5989-27-5	<5	Not available.	ORAL (LD50): Acute: 5000 mg/kg [Rat]. DERMAL (LD50): Acute: 5000 mg/kg [Rabbit].

Sectio	n 3. Ha	zards Ide	entification
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Potential Acute Health Effects Irritant. Harmful if swallowed.

Potential Chronic Health

Effects

Severe over-exposure can produce lung damage, choking, unconsciousness or death.

Carcinogenic Effects Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First	t Aid Measures
Eye Contact	In case of contact with eyes, rinse immediately with plenty of water.
Skin Contact	After contact with skin, wash immediately with plenty of water. Seek medical attention.
Inhalation	Evacuate the victim to a safe area as soon as possible.
Ingestion	Have conscious person drink several glasses of water or milk. NEVER give an unconscious person anything to ingest. Seek immediate medical attention.

Section 5. Fire Fighting Measures		
Products of Combustion	Not available.	
Fire Fighting Media and Instructions	Use DRY chemicals, CO2, alcohol foam or water spray.	
Special Remarks on Fire Hazards	N/A	
Special Remarks on Explosion Hazards	Heated cans may burst.	

Section 6. Accidental Release Measures		
Small Spill and Leak	N/A	
Large Spill and Leak	Absorb with DRY earth, sand or other non-combustible material.	
	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.	

Section 7. Hand	lling and Storage
Precautions	Keep away from heat. Keep away from sources of ignition. In case of insufficient ventilation, wear suitable respiratory equipment. Keep container tightly closed and in a well-ventilated place.
Incompatibility	Not available.
Storage	Keep out of the reach of children. Not for use or storage in or around the home.

Engineering Controls	Good general ventilation should be sufficient to control airborne levels.
Personal Protection	
E	Eyes Safety glasses.
B	Rody
Respirat	tory Not applicable.
На	unds Not applicable.
Protective Clothing (Pictograms)	
Exposure Limits	Liquified Petroleum Gas TWA: 1000 (ppm) TWA: 1000 (ppm) from OSHA (PEL)
	Ammonium Hydroxide TWA: 50 (ppm) TWA: 50 (ppm) from OSHA (PEL) STEL: 35 (ppm)

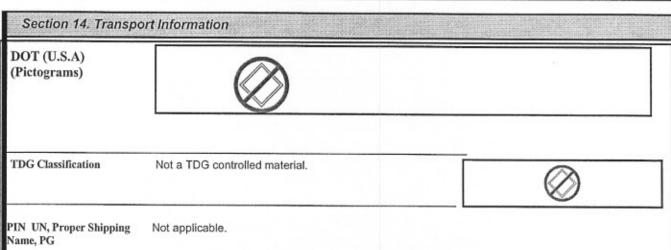
Consult local authorities for acceptable exposure limits.

Section 9. Physical a	nd Chemical Properties			
Physical State and Appearance	Gas.	Odor	Characteristic.	
Molecular Weight	Not applicable.	Taste	Not available.	
pH	9.5 to 10.5 [Basic.]	Color	Clear	
Boiling/Condensation Point	N/A			
Melting/Freezing Point	Not available.			
Critical Temperature	Not available.			
Instability Temperature	Not available.			
Specific Gravity	0.88 (Water = 1)			
Vapor Pressure	50 psig @ 68°F			
Vapor Density	>1 (Air = 1)			
Volatility	Not available.			
VOC	Not available.			
Evaporation Rate	<1			
Dispersion Properties	Not available.			
Dispersion Properties	Not available.			
Solubility	Not available.			
The Product is:	Flammable.			
Auto-ignition Temperature	Not available.			
Flash Points	Not available.			
Flammable Limits	LOWER: 1.7% UPPER: 9.5%			
Fire Hazards in Presence of Various Substances	FLAMMABLE.			
Explosion Hazards in Presence of Various Substances	Containers may explode when heated.			
Section 10. Stability	and Reactivity Data			
Stability	The product is stable.			
Incompatibility with Various Substances	Not available.			
Hazardous Decomposition Products	Will not occur.			

Routes of Entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.
Toxicity to Animals	LD50: Not available. LC50: Not available.
Acute Effects on Humans	
Eyes	This product is an eye irritant. Inflammation of the eye is characterized by redness, watering, and itching.
Skin	Irritant.
Inhalation	Slightly irritating to the respiratory system.
Ingestion	May cause gastrointestinal discomfort. May cause headache, dizziness, nausea, vomiting and diarhea.
Chronic Effects on Humans	Severe over-exposure can produce lung damage, choking, unconsciousness or death.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.

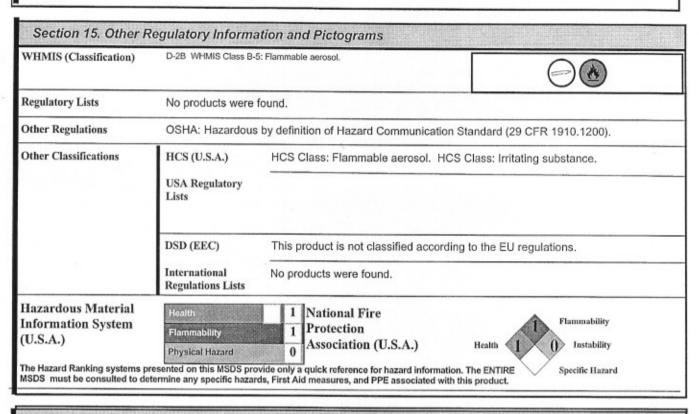
Section 12. Ecologic	al Information
Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.

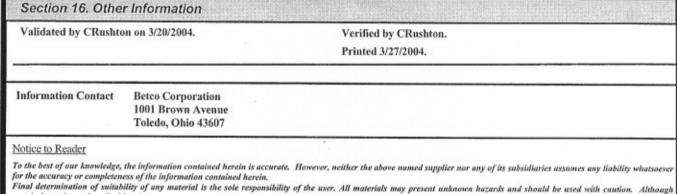
Section 13. Disposal Considerations	
Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.



Maritime Transportation

Not available.





Validated on 3/20/2004.

Dust Mop Treatment

Page: 5/5

certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.