

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

		Not controlled under WHMIS (Canada).	Not co States)		ed under the HCS (United
WHMIS (Pictogram	ms)	WHMIS (Classification)			HCS
Section 1. Che	mica	Product and Company Identification			
Product Name/ Trade name	Em	ulsion	Code		675
Synonym	Not a	vailable.	CAS#		Mixture.
Chemical Family	Not a	vailable.	Validation	Date	1/12/2006
Chemical Formula	Not a	oplicable.	<b>Print Date</b>		1/12/2006
Manufacturer/ Supplier	Betco 1001 Toled	Corporation Brown Avenue o, Ohio 43607 333-2156	In Case of Emergency	CHI	EMTREC (800) 424-9300
TSCA	TSCA I	Inventory: All components listed or are exempt from listing.			
DSL/ NDSL	All con	nponents listed unless noted elsewhere on this MSDS		Pro	tective Clothing

Section 2. Composition and Information on Ingredients				
Name	CAS#	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
N-Methyl-2-Pyrrolidone Dipropylene Glycol Methyl Ether	872-50-4 34590-94-8	5 - 10 1 - 5	Not available.  ACGIH TLV (United States).  TWA: 100 ppm 8 hour(s).  STEL: 150 ppm 15 minute(s).  OSHA PEL (United States).  TWA: 100 ppm 8 hour(s).  ACGIH TLV (United	Not available. Not available.
Dimethylethanolamine	108-01-0	1 - 5	States). TWA: 100 ppm 8 hour(s). ACGIH TLV (United States). TWA: 5 ppm 8 hour(s). STEL: 25 ppm 15 minute(s).	Not available.

Section 3. Hazards Identification			
Potential Acute Health Effects	Irritation of the product in case of eye contact: Irritant. May aggravate existing eye disorders Irritation of the product in case of skin contact: Cases drying of the Skin. May aggravate existing skin conditions.		
Potential Chronic Health Effects	Repeated skin exposure can produce local skin destruction, or dermatitis.		
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.		

Section 4. Fir	Section 4. First Aid Measures		
<b>Eye Contact</b>	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.		
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.		
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.		
Ingestion	Contact a poison control center immediately for treatment adivce. Do not induce vomiting unless instructed to do so be poison control center or doctor. Do not give anything to by mouth to an unconscious person.		

Section 5. Fire Fighting Measures		
<b>Products of Combustion</b>	Not available.	
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.	
Special Remarks on Fire Hazards	Not available.	
Special Remarks on Explosion Hazards	Not available.	

Section 6. Accidental Release Measures		
Small Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.	
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.	
Personal Protection in Case of a Large Spill	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		
Precautions	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/ vapor/spray. Keep away from incompatibles such as oxidizing agents, acids, alkalis.	
Incompatibility	Reactive with oxidizing agents, acids, alkalis.	
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. S2- Keep out of the reach of children. Not for use or storage in or around the home.	

## Section 8. Exposure Controls/Personal Protection

**Engineering Controls** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations

and safety showers are proximal to the work-station location.

**Personal Protection** 

Eyes Safety glasses.

**Body** No special protective clothing is required.

Respiratory A respirator is not needed under normal and intended conditions of product use.

Hands Impervious gloves.

Protective Clothing (Pictograms)



Exposure Limits See Section 2 For Applicable Exposure Limits

Section 9. Physical and Chemical Properties				
Physical State and Appearance	Liquid.	Odor	Characteristic.	
Molecular Weight	Not applicable.	Taste	Not available.	
pН	Not applicable.	Color	White to yellowish.	
Boiling/Condensation Point	The lowest known value is 192.78°C (379°	F)		
<b>Melting/Freezing Point</b>	Not available.			
Critical Temperature	Not available.			
Instability Temperature	Not available.			
Specific Gravity	1.0488 (Water = 1)			
Vapor Pressure	Not available.			
Vapor Density	Not available.			
Volatility	Not available.			
VOC	301 (g/l).			
<b>Evaporation Rate</b>	<1 compared to Butyl acetate.			
<b>Dispersion Properties</b>	Not available.			
Solubility	Insoluble in cold water, hot water.			
The Product is:	May be combustible at high temperature.			
Auto-ignition Temperature	Not available.			
Flash Points	Closed cup: >176.67°C (350°F).			
Flammable Limits	Not available.			
Fire Hazards in Presence of Various Substances	Not available.			

Explosion Hazards in Presence of Various Substances

Not available.

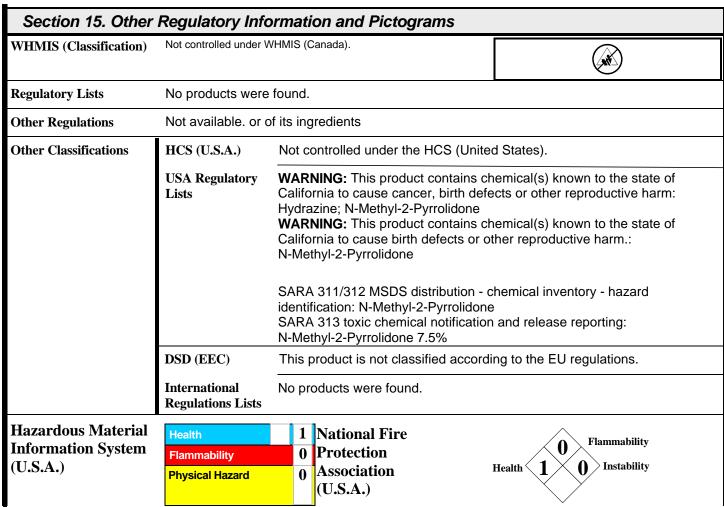
Section 10. Stability and Reactivity Data		
Stability	The product is stable.	
Incompatibility with Various Substances	Reactive with oxidizing agents, acids, alkalis.	
Hazardous Decomposition Products	Not available.	

Section 11. Toxico	ological Information
<b>Routes of Entry</b>	Not available.
Toxicity to Animals	LD50: Not available. LC50: Not available.
<b>Acute Effects on Humans</b>	
Eye	s Not available.
Skiı	Irritation of the product in case of skin contact: Not available. Sensitization of the product: Not available.
Inhalatio	Not available.
Ingestion	Not available.
Chronic Effects on Humans	Repeated skin exposure can produce local skin destruction, or dermatitis.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.

Section 12. Ecological Information		
Ecotoxicity	Not available.	
BOD5 and COD	Not available.	
Products of Biodegradation	Not available.	
Toxicity of the Products of Biodegradation	f Not available.	
Special Remarks on the Products of Biodegradation	Not available.	

# 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.

## 



Specific Hazard

### Section 16. Other Information

Validated by CRushton on 1/12/2006.

Verified by CRushton.

Printed 1/12/2006.

**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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