




# Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

 WHMIS (Pictograms)	WHMIS CLASS D-2: Material causing other toxic effects.  WHMIS (Classification)	Class: Irritating substance.  HCS
<b>Section 1. Chemical Product and Company Identification</b>		
Product Name/ Trade name	<b>In - Sync</b>	Code <b>185</b>
Synonym	Hand Dishwash	CAS # Mixture.
Chemical Family	Not available.	Validation Date <b>3/29/2004</b>
Chemical Formula	Not applicable.	Print Date <b>3/29/2004</b>
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>

<b>Section 2. Composition and Information on Ingredients</b>				
Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
1) Anionic Surfactant	25155-30-0	10-15	Not available.	Not available.
2) Sodium Lauryl Ether Sulfate	68891-38-3	10-15	Not available.	Not available.
3) Triethanolamine	102-71-6	5-10	Not available.	ORAL (LD50): Acute: 4000 mg/kg [Rat].
4) Sodium Lauryl Sulfate	151-21-3	0-5	Not available.	Not available.
5) Cocamidopropyl Betaine	70851-07-9	0-5	Not available.	Not available.
6) Nonionic Surfactant	9016-45-9	0-5	Not available.	Not available.
7) Nonionic Surfactant	61788-90-7	0-5	Not available.	ORAL (LD50): Acute: 4610 mg/kg [Rat].
8) Coconut Diethanolamide	8051-30-7	0-5	Not available.	Not available.
9) Nonionic Surfactant	142-26-7	0-5	Not available.	Not available.

<b>Section 3. Hazards Identification</b>	
Potential Acute Health Effects	Slightly hazardous in case of eye contact (irritant), of ingestion. Non-irritant for skin. Non-hazardous in case of inhalation.
Potential Chronic Health Effects	Repeated or prolonged exposure is not known to aggravate medical condition.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

#### Section 4. First Aid Measures

Eye Contact	In case of contact with eyes, rinse immediately with plenty of water.
Skin Contact	Wash with soap and water. Get medical attention if irritation develops. Cold water may be used.
Inhalation	No specific data.
Ingestion	Have person sip a glass of water if able to swallow. Do NOT induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person

#### Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	Not applicable.
Special Remarks on Fire Hazards	Not available.
Special Remarks on Explosion Hazards	Not available.

#### Section 6. Accidental Release Measures

Small Spill and Leak	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
Personal Protection in Case of a Large Spill	Gloves. Safety glasses.

#### Section 7. Handling and Storage

Precautions	Do not ingest. Do not breathe gas/fumes/ vapor/spray. If ingested, seek medical advice immediately and show the container or the label.
Incompatibility	Not available.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.

#### 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 threshold limit value.
Personal Protection	
<i>Eyes</i>	No additional special protective clothing is required.
<i>Body</i>	No additional special protective clothing is required.
<i>Respiratory</i>	Not applicable.
<i>Hands</i>	No additional special protective clothing is required.
Protective Clothing (Pictograms)	
Exposure Limits	Not available.

### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Liquid.	<b>Odor</b>	Pleasant.
<b>Molecular Weight</b>	Not applicable.	<b>Taste</b>	
<b>pH</b>	Not available.	<b>Color</b>	Green.
<b>Boiling/Condensation Point</b>	100°C (212°F)		
<b>Melting/Freezing Point</b>	Not available.		
<b>Critical Temperature</b>	Not available.		
<b>Instability Temperature</b>			
<b>Specific Gravity</b>	Not available.		
<b>Vapor Pressure</b>	Not available.		
<b>Vapor Density</b>	>1 (Air = 1)		
<b>Volatility</b>	>50% (w/w).		
<b>VOC</b>	0 (g/l).		
<b>Evaporation Rate</b>	<1 compared to Water		
<b>Dispersion Properties</b>	See solubility in water.		
<b>Solubility</b>	Easily soluble in cold water, hot water.		
<b>The Product is:</b>	Non-flammable.		
<b>Auto-ignition Temperature</b>	Not applicable.		
<b>Flash Points</b>	Not applicable.		
<b>Flammable Limits</b>	Not applicable.		
<b>Fire Hazards in Presence of Various Substances</b>	Not applicable.		
<b>Explosion Hazards in Presence of Various Substances</b>	Non-explosive in presence of open flames and sparks, of heat.		

### 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>	Not available.

### Section 11. Toxicological Information

<b>Routes of Entry</b>	Absorbed through skin. Eye contact. Ingestion.
<b>Toxicity to Animals</b>	Acute oral toxicity (LD50): 3030 mg/kg [Rat]. (Tetrasodium salt of ethylenediaminetetraacetic acid).
<b>Acute Effects on Humans</b>	
<i>Eyes</i>	Slightly hazardous in case of eye contact (irritant).
<i>Skin</i>	Sensitization of the product: Not available. Non-irritant for skin.
<i>Inhalation</i>	Non-hazardous in case of inhalation.
<i>Ingestion</i>	Slightly hazardous in case of ingestion.
<b>Chronic Effects on Humans</b>	Repeated or prolonged exposure is not known to aggravate medical condition.
<b>Special Remarks on Toxicity to Animals</b>	Not available.
<b>Special Remarks on Chronic Effects on Humans</b>	Not available.

### Section 12. Ecological Information

<b>Ecotoxicity</b>	Not available.
<b>BOD5 and COD</b>	Not available.
<b>Products of Biodegradation</b>	Not available.
<b>Toxicity of the Products of Biodegradation</b>	Not available.
<b>Special Remarks on the Products of Biodegradation</b>	Not available.

### Section 13. Disposal Considerations

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

### Section 14. Transport Information

**DOT (U.S.A)  
(Pictograms)**



**TDG Classification** Not controlled under TDG (Canada).




**PIN UN, Proper Shipping Name, PG** Not applicable.

**Maritime Transportation** Not available.

**Special Provisions for Transport** Not applicable.

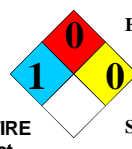
**Section 15. Other Regulatory Information and Pictograms**

<b>WHMIS (Classification)</b>	WHMIS CLASS D-2: Material causing other toxic effects.	
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<b>Regulatory Lists</b>	No products were found.
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<b>Other Regulations</b>	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
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<b>Other Classifications</b>	<b>HCS (U.S.A.)</b>	Class: Irritating substance.
	<b>USA Regulatory Lists</b>	California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Ethylene Oxide < 1 ppm California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Ethylene Oxide < 1 ppm Massachusetts RTK: Ethylene Oxide SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Nonionic Surfactant: immediate health hazard
	<b>DSD (EEC)</b>	This product is not classified according to the EU regulations.
	<b>International Regulations Lists</b>	No products were found.

<b>Hazardous Material Information System (U.S.A.)</b>	Health	1	<b>National Fire Protection Association (U.S.A.)</b>	Flammability	0
	Flammability	0		Health	1
	Physical Hazard	0			

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.

**Section 16. Other Information**

Validated by CRushton on 3/29/2004.	Verified by CRushton. Printed 3/29/2004.
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<b>Information Contact</b>	<b>Betco Corporation</b> 1001 Brown Avenue Toledo, Ohio 43607
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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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