

# Betco Corporation

## Material Safety Data Sheet

N/A=Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date: 3/4/97

### SECTION 1 - PRODUCT IDENTIFICATION

Product Number: 183  
 Product Name: Factory Formula IIP  
 Generic Name: Low Foam Degreaser  
 Supplier's Name: Betco Corporation  
 Supplier's Address: 1001 Brown Avenue Toledo, Ohio 43507

Chemical Family: N/A  
 Formula: N/A  
 Phone Number: 419-241-2156  
 Emergency: 419-241-2156

### NPCA Hazardous Materials Identification Sys.

Health	2
Flammability	0
Reactivity	0
Maximum Personal Protection	B

### SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Water	7732-18-5	to 100				No
Nonionic Surfactant	26027-38-3	5 to 10				No
Tetrasodium EDTA	64-02-8	0 to 5	N/E	N/E		No
Anionic Surfactant	5324-84-5	0 to 5				No
Sodium Metasilicate	6834-92-0	0 to 5				No
Orange Terpenes	68917-57-7	0 to 5				No
Dye	N/A	0 to 5				No

### SECTION 3 - PHYSICAL DATA

Boiling Range: 214°F Initial  
 Vapor Pressure: 20mm Hg @ 68°F  
 % Volatile: 90+  
 Solubility in Water: 100%  
 Physical Description: Thin blue liquid with orange odor.

Specific Gravity: 1.02  
 Vapor Density: (Air=1): >1  
 pH: 12.5 - 13.0  
 Evaporation Rate: (Water=1): <1

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Concentrate Flash Point (Method): N/A  
 Propellant Flash Point (Method): N/A  
 Flash Point (Method): None to boiling. (TCC)  
 Extinguishing Media: N/A  
 Special Fire Fighting Procedures: N/A  
 Unusual Fire and Explosion Hazards: N/A

Explosive Limits  
 Upper: N/A  
 Lower: N/A

### SECTION 5 - REACTIVITY DATA

Stability: Stable  
 Incompatibility (Materials to Avoid): Strong acids.

Hazardous Polymerization: Will not occur.

### SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:  
 Keep out of reach of children.  
 Keep container closed during storage. For institutional and commercial use.

Hazardous Decomposition Products: None known.

### SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:  
 Primary Route of Entry:

Skin: Skin irritant. Prolonged or repeated contact may cause redness, swelling, and possible skin damage.  
 Eyes: Severe eye irritant. Liquid and mists may damage the eyes causing corneal injury.  
 Inhalation: Vapors may be irritating to mucous membranes of the nose, throat, and lungs.  
 Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. May cause headache, dizziness, nausea, vomiting, and diarrhea.

First Aid Procedures:

Skin: Flush with large quantities of water. Seek medical attention if irritation persists.  
 Eyes: Flush eyes with large quantities of water. Seek medical attention if irritation persists.  
 Inhalation: Get to fresh air. Seek medical attention if irritation persists.  
 Ingestion: Do not induce vomiting. Drink a large quantity of water. Seek medical attention immediately.

### SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well ventilated area.  
 Protective Gloves: Waterproof.  
 Other Protective Equipment: N/A

Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.  
 Eye Protection: Safety glasses.

### SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:  
 Mop up or otherwise absorb and hold for disposal.

Waste Disposal Method:  
 Any method in accordance with applicable laws.

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