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# WAREWASH DRYING AGENT

## GENERAL DESCRIPTION:

Warewash Drying Agent is an effective, quality drying agent for dishwashing, and glasswashing machines. It exhibits excellent performance by allowing complete drainage of the rinse water, thereby preventing the formation of water spots, streaks, and films on dishware, glassware, and cutlery.

## DIRECTIONS FOR USE:

Set the feed rate of Warewash Drying Agent to give optimal sheeting action. Use concentrations vary according to the type of machine and water conditions. Feed Warewash Drying Agent through a US Chemical rinse injector into the final rinse water of the dishwashing machine. If water conditions are poor, results can be improved by increasing the use concentration of Warewash Drying Agent.

## BIODEGRADABLE SURFACTANTS:

Contains special biodegradable surfactants, which effectively reduce the rinse water surface tension to promote sheeting, free-rinsing, and efficient drying of ware.

## LOW FOAMING:

Low foaming even at temperatures as low as 140°F (60°C).

## PREVENTS SCALE BUILDUP:

Contains special ingredients to help keep the dishwashing machine free from rust and scale deposits.

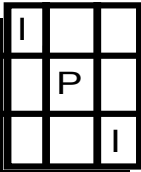
## CAUTION

**KEEP OUT OF THE REACH OF CHILDREN**

**Only for sale to, use and storage by Service Personnel.**

For best product efficiency keep stock rotated.  
Shelf life is 1 year

Judgements as to the suitability of the information provided herein for the purchaser's purposes are necessarily the purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Iowa Prison Industries extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to the purchaser's intended purposes or for the consequences of its use.



**IOWA  
PRISON  
INDUSTRIE**

**MATERIAL SAFETY DATA SHEET**  
(Prepared According to 29 CFR 1910.1200)

Date Prepared: 7/12/07  
Supersedes Date: 8/1/06

**HAZARD RATING**

4-EXTREME	Health Hazard -	0	- Fire Hazard
3-HIGH		1	
2-MODERATE		0	- Reactivity
1-SLIGHT	Specific Hazard -		NFPA CODE 704
0-INSIGNIFICANT			

**SECTION 1 - PRODUCT IDENTIFICATION**

Manufacturer Name IOWA PRISON INDUSTRIES	Emergency Telephone No. (319) 462-3547
Address 406 North High Street, Anamosa, Iowa 52205	
Trade Name- <b>WAREWASH DRYING AGENT</b>	Product Type- Rinse aid
Chemical Family- Liquid Rinse Aid	Formula- Proprietary Blend

**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME / COMMON NAME	CAS. NO	PERCENT (optional)	OSHA STANDARDS	ACGIH GUIDELINES
POLYOXYPROPYLENE-POLYOXYETHYLENE BLOCK COPOLYMER	9003-11-6	7.0-13.0	N.A.P.	N.A.P.

**SECTION 3 - PHYSICAL DATA**

Boiling Point (°F) 212	Specific Gravity (H2O = 1.0) 1.023	pH- 5.0
Vapor Pressure- (mmHg) N.A.P.	Vapor Density ( Air = 1) N.A.P.	
Solubility in Water- 100% <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or dispersible) <input type="checkbox"/> Slight (or partial)		
Evaporation Rate- (vs H2O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		
Appearance and Odor- Green liquid with no scent added.		

**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA**

Flash Point- (T.C.C.) None <input checked="" type="checkbox"/> None to Boiling	Flammable Limits- Upper- NONE Lower- NONE
Extinguishing Media- Flood with water.	
Special Fire Fighting Procedures- Wear protective gear and positive pressure breathing apparatus in fire area.	
Unusual Fire and Explosion Hazards- None known Physical Hazards- None known	

**SECTION 5 - REACTIVE DATA**

Stability- Stable	Incompatibility- None known
Hazardous Decomposition Products- Incomplete combustion forms: oxides of carbon.	

**SECTION 6 - HEALTH HAZARDS**

Primary Routes of Exposure- <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other-
Signs and Symptoms of Over-Exposure (Acute)- May irritate skin, eyes, and respiratory tract.
Signs and Symptoms of Over-Exposure (Chronic)- None known
Medical Conditions Aggravated by Over-Exposure- Dermatitis or sensitive skin.
Carcinogen or Suspect Carcinogen Ingredients- <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE

**SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES**

Eyes: Flush thoroughly with fresh water. Get medical attention.
Skin: Flush with fresh water, wash with soap and water. Remove contaminated clothes and shoes. If irritation persists get medical attention.
Ingestion: Give water. DO NOT INDUCE VOMITING. Get medical attention. Never give anything by mouth to an unconscious person.
Inhalation: Remove to fresh air.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection- None
Ventilation Requirements- None <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Other- Normal air dilution
Protective Gloves- None Eye Protection- None required with normal use.
Other Protective Clothing- Usually not required

**SECTION 9 - SPILL OR LEAK PROCEDURES**

Steps to be Taken if Released or Spilled- Flush small amounts to sanitary drain. Collect and return large amounts to container. Not an RCRA hazardous.
Waste Disposal Methods- Dispose of in accordance with Federal, State, and Local regulations.

**SECTION 10 - STORAGE AND HANDLING INFORMATION**

Precautions to be Taken in Handling and Storage- Store in a cool dry place. Keep from freezing. If frozen return to producing plant. Keep container closed when not in use.
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N.A.P. = Not applicable. N.A.V. = Not available. NE = Not established.