

Supplied By:



4801 W. Vernal Pike  
Bloomington, IN 47404  
1-800-734-4133

# Material Safety Data Sheet

**EMERGENCY PHONE:**  
**1-800-535-5053**

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

## Section 1: Product Identification

**Product Name:** REFLEX  
**Product Number:** K302A and K302B  
**Product Use:** Liquid Rinse Additive  
**DOT Shipping Name:** None Required

## Section 2: Hazardous Ingredient Information

### Hazard Chemical Identity

CAS No. ACGIH/TLV

None according to OSHA

This product does contain toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community right-to-know act of 1988

## Section 3: Physical Data

**Color:** Blue-Green **Odor:** Mild **Physical State:** Liquid  
**Solubility in Water:** Complete **Boiling Point:** Similar to water  
**Vapor Pressure:** Similar to water **Specific Gravity:** 1.007  
**Vapor Density in Air (Air=1):** Similar to water  
**% Volatile, By Volume:** None  
**Evaporation Rate:** Similar to water

## Section 4: Fire and Explosion Hazard Data

**Flash Point (Method Used):** None  
**Flammable Limits in Air:** N.A.  
**Extinguishing Media:** N.A.  
**Unusual Fire and Explosion Hazards:** Firefighters should wear self-contained positive breathing apparatus, and avoid skin contact.

## Section 5: Reactivity Data

**Chemical Stability:** Stable  
**Conditions to Avoid:** Avoid contact with strong oxidizing agents and flame.  
**Incompatibility (Materials to avoid):** Hydrogen peroxide, chlorine dioxide, sodium hypochlorite, sodium dichloroisocyanurate  
**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide.  
**Hazardous Polymerization:** Will not occur

## Section 6: Toxicological Properties

**Exposure Limits:** ACGIH OSHA  
Polyoxypropylene-polyoxyethylene None None

**Medical Conditions Aggravated by Exposure:** Preexisting eye and skin disorders may be aggravated by exposure.

### Acute Toxicity:

**Eyes:** Severely irritating to the eye.  
**Skin:** May cause skin irritation  
**Ingestion:** Ingestion can cause irritation of the mouth, throat, esophagus and stomach.  
**Inhalation:** Inhalation of solution mist can cause mild irritation.

**Chronic Toxicity:** Chronic skin contact may cause dermatitis. This product does not contain any materials listed on the IARC, OSHA, or NPT carcinogen lists.

## Section 7: Preventative & Control Measures

**Respiratory Protection:** Generally not required  
**Ventilation:** General exhaust acceptable  
**Skin Protection:** Wear neoprene, PVC, or rubber gloves.  
**Eye Protection:** Wear safety glasses or splashproof chemical goggles.  
**Hygiene:** Avoid contact with skin. Do not eat, drink or smoke in work area. Wash hands prior to eating, drinking, or using restroom. Any protective clothing which becomes contaminated should be thoroughly cleaned before reuse.  
**Other Control Measures:** Safety shower and eye wash should be located in work area.  
**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:** Product should be contained and recovered into containers. Clean up personnel should follow all safety precautions during clean up.  
**Waste Disposal:** Dispose of in accordance with all local, state and federal regulations.

## Section 8: Emergency First Aid Procedures

### First Aid Notes to Physician:

**Eyes:** Wash eyes immediately with large amounts of water (preferably eye wash fountain), lifting the upper and lower eyelids and rotating eyeball. Continue washing for a minimum of 15 minutes. **Get medical attention immediately.**  
**Skin:** Remove contaminated clothing immediately and wash skin thoroughly for a minimum of 15 minutes with large quantities of water (preferably a safety shower). **Get medical attention immediately.**  
**Ingestion:** Do not give liquids if victim is unconscious or very drowsy. Otherwise, give no more than 2 glasses of water and induce vomiting by giving 30cc (2 tablespoons) syrup of Ipecac. If Ipecac is unavailable, give 2 glasses of water and induce vomiting by touching finger to back of victim's throat. Keep victim's head below hips while vomiting. **Get immediate medical attention.**  
**Inhalation:** Move person to fresh air. If breathing stops, administer artificial respiration. **Get medical attention immediately.**

## Section 9: Storage and Handling Precautions

KEEP FROM FREEZING  
Store in closed, properly labeled containers.  
DO NOT remove or deface labels.  
Use of this product should be limited to properly trained individuals.

## Section 10: Preparation Information

**Prepared By:** Regulatory Affairs Department  
**Phone:** 812-336-4817  
**Date of Preparation:** July, 2004

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.

# Reflex

## Technical Data Sheet



*All Temp  
Rinse  
Agent*

*Formulated  
For Use*

*In  
All  
Temperatures*

*Institutional  
Warewashing*

*Prevents  
Spotting*

*Speeds  
Drying  
Time*

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### Product Description

**Reflex** is a rinse drying additive designed specifically for use in high or low temperature dish machines. The rinsing agents in **Reflex** perform well at all temperatures and concentrations resulting in energy and detergent savings. The surfactants in **Reflex** sheet rinse water resulting in spot-free glasses and china.

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### Use Directions

**Reflex** is accurately dispensed directly from the shipping container. The LabTek service representative will adjust the dispensing unit for optimum and most economical results. **Reflex** can be safely used on plastic glassware.

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### Areas of Use

For use in institutional warewashing systems. For soft to medium water hardness.

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### Safety Precautions

Caution! Harmful if swallowed. Irritating to eyes and mucous membranes. Harmful or fatal if swallowed. Read label and MSDS thoroughly for complete listing of hazards and safety precautions. Keep out of the reach of children.

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### Shipping Classification

Compound, Cleaning

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### Packaging

4 X 1 gallon case and 5 gallon pail

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### Properties

**FORM:** Blue Liquid  
**pH (1% SOLUTION):** Neutral  
**SPECIFIC GRAVITY:** 1.018  
**FRAGRANCE:** None  
**FOAM:** None  
**RINSABILITY:** Excellent  
**PRIMARY HAZARD:** Eye and mucous membrane irritant.  
**COMPOSITION:** Detergent, water sheeting agent.