

Supplied By:



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Material Safety Data Sheet

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

Section 1: Product Identification

Product Name: HS HIGH SOLIDS RINSE AID
Product Number: K306
Product Use: Rinse additive for High Solid Water Conditions
DOT Shipping Name: None Required

Section 2: Hazardous Ingredient Information

Hazard Chemical Identity

CAS No. ACGIHTLV

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
N/E 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: November 2009

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.



HS High Solids Rinse

Technical Data Sheet

*Premium
Rinse
Agent*

Product Description

HS High Solids Rinse is a drying and sheeting agent for use in institutional dishmachines. It is effective and economical to use in extremely hard water or high solid water conditions. It is designed for use in high or low temperature dish machines. Provides energy and detergent savings. Special surfactants sheet rinse water and dry the dishes for spot free results.

Use Directions

HS High Solids Rinse is made for dispensing by automatic injection systems installed by LabTek. Remove inner lid by unscrewing with a pail wrench. Insert tube labeled "HS High Solids Rinse" into the 5 gallon bucket. Machine will automatically inject product into the dishmachine. Your LabTek service representative will adjust injector for the correct amount of product.

Areas of Use

For use in industrial and institutional dishmachines.

Safety Precautions

Caution! May be irritating to eyes, skin and mucous membranes. Harmful or fatal if swallowed. Inhalation can irritate the respiratory system. Read label and MSDS thoroughly for complete listing of hazards and safety precautions.

Shipping Classification

None Required

Packaging

5 gallon pail

Properties

FORM: Green liquid with mild odor
SPECIFIC GRAVITY: 1.007
SOLUBILITY: Complete
PRIMARY HAZARD: Irritant to eyes, skin, respiratory system.
Incompatible with hydrogen peroxides
chlorine dioxide, sodium hypochlorite.
COMPOSITION: Surfactants

*Effective in
Hard Water
& High Solids
Water
Conditions*

*High
Solids
Concentration
for
Economical
use*