SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: HS Rinse Aid

Recommended Use of the Chemical and Restrictions on Use

Recommended Use: Rinse Additive for Dish Machines

Details of the Supplier of the Safety Data Sheet

Supplier Address:

Luseaux Laboratories, Inc.
4625 N Santa Fe Drive
Kingman, AZ 86401

or

Luseaux Laboratories Inc.
16816 Gramercy Place
Gardena, CA 90247

Emergency Telephone Number

Company Phone Number: Arizona Location: 928-692-0192
California Location: 310-324-1555

Emergency Telephone: CHEMTREC: 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

Classification

This product does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance: Blue Liquid **Physical State:** Liquid **Odor:** Mild

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Trade Secrets*		Not identified*

*The specific percentages are not identified due to "Trade Secret" status. In emergency situations, further information may be obtained by calling the emergency information number listed above. Reference 29 CFR 1910.1200

SECTION 4: FIRST AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin Contact For prolonged skin contact, flush thoroughly with water and then apply hand lotion to restore natural skin oil. If symptoms persist, seek medical attention.

Inhalation Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.

Ingestion Rinse mouth and then drink plenty of water, do not induce vomiting. Seek medical attention.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms Direct eye contact may cause stinging, tearing and redness. Contact may cause irritation and redness. Nausea. Abdominal discomfort. May cause diarrhea.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically. Dermatitis or other pre-existing skin conditions may be aggravated by overexposure to this product.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: Not determined.

Specific Hazards Arising from the Chemical
This material will make floors slippery when wet.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Use personal protection recommended in Section 8. Wet floors will be very slippery.

Environmental Precautions Prevent run off to storm sewers and ditches leading to natural waterways.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Dike and contain spill.

Methods for Cleaning Up: Wash small spills to sanitary sewer. Recover free liquid. Absorb with inert material, and then place in suitable container for chemical waste.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice.

Conditions for Safe Storage, Including and Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from food stuffs.

Incompatible Materials: None known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines
No occupational exposure limits determined

Appropriate Engineering Controls

Engineering Controls Apply technical measures to comply with occupational exposure limits.

Individual Protections Measures, such as Personal Protective Equipment

Eye/Face Protection: Risk of contact: Wear approved safety goggles.

Skin and Body Protection: Rubber or vinyl gloves for sensitive individuals.

Respiratory Protection: No protective equipment is needed under normal use conditions.

General Hygiene Considerations: Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information and Basic Physical and Chemical Properties

Physical State: Liquid
Appearance: Blue liquid
Odor Threshold: Not determined
Odor: Mild
Color: Blue

PROPERTY	VALUE	PROPERTY	VALUE
pH – 1% solution	5.0 to 6.0	**Melting/freezing point**	Unknown
Boiling point	>212 ^{o}F	**Flash Point**	Not flammable
Evaporation rate	unknown	**Flammability**	Not flammable
Flammability limits/air	Not applicable	**Vapor pressure**	<17 mg Hg @ 20°C
Vapor density	<1.0	**Specific gravity**	1.08
Water solubility	Miscible in all portions	**Solubility in other solvents**	Not determined
Partition coefficient	Not determined	**Auto-ignition temp**	Not determined
Decomposition temp	Not determined	**Kinematic viscosity**	Not determined
Dynamic viscosity	Not determined	**Explosive properties**	Not determined
Oxidizing properties	Not determined	**Bulk density**	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
Will not occur

Conditions to Avoid
Keep out of reach of children.

Incompatible Materials
Strong oxidizing agents

Hazardous Decomposition Products
Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Not a primary skin irritant.

Inhalation Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Ingestion Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trade Secrets*	Not tested	Not tested	Not tested-

*The specific components are not identified due to "Trade Secret" status. In emergency situations, further information may be obtained by calling the emergency information number listed above.

Information on Physical, Chemical and Toxicological Effects
Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure
Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, Or NTP.

Numerical Measures of Toxicity-Product
Not determined

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Trade Secret	**10 – 100: 72 h green algae mg/l EC50**	> 100: 48 h Daphnia magna mg/l EC50		
Trade Secret	>230 mg/kg Algae EC50	>1000 mg/l Daphnia EC50		
Trade Secret	EC50 algae: > 230 mg/l	LC 50 Rainbow Trout: > 1000 mg/l		EC50 Daphnia: > 1000 mg/l

Persistence and Degradability Readily biodegradable

Bioaccumulation Not determined

Mobility Not determined

Other Adverse Effects Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

SECTION 15: REGULATORY INFORMATION

International Inventories

Legend:

TCSA *– United States Toxic Substances Act Section 8(b) inventory*
DSL/NDSL *– Canadian Domestic Substances List*
EINECS/ELINCS *– European Inventory of Existing Chemical Substances*
ENCS *– Japan Existing and New Chemical Substances*
IECSC *– China Inventory of Existing Chemical Substances*
KECL *– Korean Existing and Evaluated Chemical Substances*
PICCS *– Philippines Inventory of Chemicals and Chemical Substances*

US Federal Regulations

SARA 313
Not determined

CERCLA

US State Regulations
Calif. Prop. 65 Warning: This product may contain a trace amount of one or more of the chemicals on the California list of known carcinogens or substances known to cause birth defects or other reproductive harm. These are not added to the product but occur naturally in the raw materials or processing equipment.

Pennsylvania RTK – Hazardous Substances: Sodium Sulfate (7757-82-6)

U.S. State Right-to-Know-Regulations

SECTION 16: OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	1	0	0	None
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	Not determined	Not determined	Not determined	Not determined

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF SAFETY DATA SHEET