

SAFETY DATA SHEET

Revision Date: April 15, 2014

Page 1 of 6

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: Sur-Nuf

Recommended Use of the Chemical and Restrictions on Use

Recommended Use: Hand Dishwashing Detergent

Details of the Supplier of the Safety Data Sheet

Supplier Address: Luseaux Laboratories, Inc. Luseaux Laboratories Inc.
4625 N Santa Fe Drive or 16816 Gramercy Place
Kingman, AZ 86401 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

Appearance: Blue granular powder Physical State: Powder Odor: Lemon

Classification

Serious eye damage/eye irritation	Category 2
-----------------------------------	------------



Signal Word

Warning

Hazard Statements

Causes serious eye irritation

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

Other Information

Harmful to aquatic life with long lasting effects.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium dodecyl benzene sulfonate	25155-30-0	Not identified*
Sodium Tripolyphosphate	7758-29-4	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

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation persists.
Ingestion	Drink plenty of water. Do NOT induce vomiting. Call a physician.
Skin Contact	For prolonged skin contact, flush thoroughly with water and then apply hand lotion to restore natural skin oil. If symptoms persist, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Exposed individuals may experience eye tearing, redness and discomfort. May cause nausea, vomiting, stomach ache, and diarrhea. Prolonged or repeated skin contact may cause irritation.
-----------------	--

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically.
---------------------------	------------------------

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

None known

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 protective equipment as required. Wet floors will be very slippery.
------------------------------	--

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Sweep up small spills or flush to a sanitary sewer. Recoup useable material from large spills. Sweep up contaminated material and place into containers for disposal.

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: Strong acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium Triphosphate 7758-29-4	15 mg/m ³	15 mg/m ³	-

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: Avoid contact with eyes.

Skin and Body Protection: No protective equipment is needed under normal use conditions. Gloves are required for susceptible individuals.

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

General Hygiene Considerations: Handle in accordance with good industrial hygiene/safety practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information and Basic Physical and Chemical Properties

Physical State: Powder

Odor: Lemon

Appearance: Blue Granular Powder

Color: Blue

Property	Value	Property	Value
pH – 1% solution	Approx. 9.4	Melting/freezing point	Not applicable
Boiling point	Not applicable	Flash point	Non-flammable
Evaporation rate	Not applicable	Flammability	Not determined
Flammability limits/ air	Not applicable	Vapor pressure	Not applicable
Vapor density	Not applicable	Specific gravity	Not applicable
Water solubility	Less than 16% at 15 ⁰ C	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	1.04 g/cc

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing. Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

None known

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation	Avoid inhalation of dust.
Eye Contact	Causes serious eye irritation.
Skin Contact	Prolonged or repeated contact may dry skin and cause irritation.
Ingestion	Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trade Secret*	= 3/g/kg (Rat)	> 10 g/kg (Rabbit)	> 42 g/m ³ (Rat) 1 h
Sodium Tripolyphosphate 7758-29-4	= 3100 mg/kg (Rat)	> 7940 mg/kg (Rabbit)	-
Sodium dodecyl benzene sulfonate 25155-30-0	= 438 mg/kg (Rat)	-	-
Trade Secret*	Not determined	Not determined	Not determined
Trade Secret*	> 5000 mg/kg (Rat)	-	-

*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 Not classifiable as a human carcinogen.

Numerical Measures of Toxicity-Product

Not determined

SECTION 12: ECOLOGICAL INFORMATION

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/NDL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS – European Inventory of Existing Chemical Substances/European List of Notified 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 311/312 Hazard Categories

Chemical Name	CWA – Reportable Quantities	CWA – Toxic Pollutants	CWA – Priority Pollutants	CWA – Hazardous Substances
Sodium dodecyl benzene sulphate; 25155-30-0	1000 lb			X
Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)	
Sodium dodecyl benzene sulphate; 25155-30-0	1000 lb		RQ 1000 lb final RQ RQ 454 Kg final RQ	

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.

SECTION 16: OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	None
<u>HMIS</u>	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