

LYMAN PRODUCTS: RAYTECH DIVISION
SAFETY DATA SHEET

Safety Data Sheet (conforms to US 29CFR1910.1200)

Date Revised: 08/26/2024

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION
AND THE COMPANY/UNDERTAKING**

Product Identifier

Trade Name Burnishing Soap
Product Number 41011R, 41015R

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use: Cleaning powder for use with finishing media.

Restrictions on Use: None known

Details of the Supplier of the Safety Data Sheet

Manufacturer: Lyman Products
Raytech Division
475 Smith Street
Middletown, CT 06457 USA
Information Phone Number: (860) 632-2020
E-mail

Emergency Telephone Number

Emergency Spill Information For Hazardous Materials [or Dangerous Goods] Incident
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or
+1 703-527-3887 (collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS/US Hazard Classification (29CFR 1910.1200-2024):

Skin Irritation Category 2; Eye Irritation Category 2A

Label Elements

Warning!



Hazard Statements	Precautionary Phrases
H315 Causes skin irritation. H319 Causes serious eye irritation. <p align="center">Precautionary Phrases Continued</p> P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention.	P264 Wash thoroughly after handling. P280 Wear eye protection, and protective gloves. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P332 + P313 If skin irritation occurs: Get medical attention. P362 + P364 Take off contaminated clothing and wash it before reuse.

Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
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Mixture

Chemical Name	CAS#	% w/w
Sodium Carbonate	5968-11-6	15–25%
Trisodium Phosphate	7601-54-9	10–15%
Sodium Tripolyphosphate	7758-29-4	10–15%

The exact percentage and composition are a trade secret.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

Eye: Flush eyes with water, holding the eyelids apart for 15 minutes. Get medical attention if irritation occurs and persists.

Skin: Flush skin with plenty of water for several minutes. Removing contaminated clothing and shoes. Get medical attention if irritation persists. Launder clothing before re-use.

Inhalation: Remove to fresh air. Seek medical attention if irritation or symptoms continue.

Ingestion: Rinse mouth with water. Do not induce vomiting unless instructed to by a doctor or physician. Seek medical attention if you feel unwell.

Most Important symptoms and effects, both acute and delayed: Causes eye and skin irritation. May cause mild respiratory irritation. Ingestion may cause irritation to gastrointestinal tract.

Indication of any immediate medical attention and special treatment needed: Immediate medical attention should not be required.

SECTION 5: FIRE AND EXPLOSION DATA

Extinguishing Media: Use media appropriately to the surrounding fire. Use fire-fighting measures that suit the location and surroundings.

Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: None known.

Combustion Products: None known.

Advice for Fire-Fighters:

Special Fire Fighting Procedures: Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Ventilate the area. Keep unprotected persons away. Avoid contact with skin, eyes, and clothing; wear suitable protective equipment as required.

Environmental Precautions:

Avoid release to the environment. Report spills and releases as required to appropriate authorities.

Methods and Material for Containment and Cleaning Up:

Pick up material and place into a container for disposal or reprocessing. Collect in a manner to minimize the generation of airborne dust or vacuum with a high efficiency vacuum cleaner. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Use in accordance with product instructions. Avoid the creation of dust. Avoid breathing dust. Avoid contact with skin, eyes, and clothing; wear suitable protective equipment as required. Wash exposed skin after use. Launder contaminated clothing before reuse. Use in accordance with good industrial hygiene practices.

Empty containers may retain product residue and can be hazardous. Follow all SDS procedures when handling empty containers.

Conditions for Safe Storage, Including any Incompatibilities: Store closed up in a cool, dry, and well-ventilated area. Store away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: Refer to country-specific legislation for specific requirements where not listed below.

Chemical Name	Exposure Limits
Sodium Carbonate	None Established
Trisodium Phosphate	5 mg/ m ³ STEL AIHA & OAR's WEEL
Sodium Tripolyphosphate	None Established

Exposure Controls:

Appropriate Engineering Controls: General exhaust ventilation should be adequate to maintain exposures below occupational exposure limits.

Respiratory Protection: None required for normal use. If exposure is excessive or exceeds exposure limits, an approved respirator may be used. Respirator selection and use should be based on contaminant type, form, and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Skin Protection: Impervious gloves are recommended to avoid skin contact.

Eye Protection: Safety goggles should be used if eye contact is likely.

Other Protective Equipment: As needed to avoid skin contact and contamination of personal clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic Physical and Chemical Properties

Appearance: Off-white granular powder.	Relative Vapor Density: Not applicable
Physical State: Solid	Color: White
Odor: Odorless.	Relative Density: Not determined
Odor Threshold: Not applicable	Solubility: Soluble
pH: Not applicable	Octanol/Water Partition Coefficient: No data available
Melting Point/Freezing Point: Not determined	Autoignition Temperature: Not applicable
Boiling Point: >100°C (>212°F)	Decomposition Temperature: No data available
Flash Point: Not applicable	Kinematic Viscosity: Not applicable
Evaporation Rate: Not applicable	Explosive Properties: Not an explosive
Flammable Limits: LEL: Not applicable UEL: Not applicable	Oxidizing Properties: Not an oxidizer
Vapor Pressure: Not applicable	Flammability: Not applicable
Particle Characteristics: Not determined.	

Other Information: None available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive under regular storage and handling conditions.

Chemical Stability: Stable under regular storage and handling conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: None known.

Incompatible Materials: Strong acids.

Hazardous Decomposition Products: Oxides of carbon and phosphorus.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects:

Potential Health Effects:

Eye Contact : Causes serious eye irritation.

Skin Contact : Causes skin irritation.

Inhalation: May cause mild respiratory irritation.

Ingestion: Ingestion may cause irritation to gastrointestinal tract.

Acute Toxicity Values:

Product ATE: Oral LD50 >,000 mg/kg.

Sodium Carbonate: Oral rat LD50 2,800 mg/kg; Dermal rabbit >2,000 mg/kg.

Trisodium Phosphate: Oral rat LD50 >2,000 mg/kg

Sodium Tripolyphosphate: Oral rat LD50 >2,000 mg/kg; Dermal rabbit >4,640 mg/kg.; Inhalation rat LC50 >0.39 mg/L/ 4 hr.

Skin corrosion/irritation: This product is classified as a skin irritant.

Eye damage/irritation: This product is classified as an eye irritant.

Respiratory Irritation: Not classified.

Respiratory Sensitization: Not classified.

Skin Sensitization: Not classified.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: Not classified. None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, or ACGIH.

Reproductive Toxicity: Not classified.

Aspiration Hazard: Not classified.

Specific Target Organ Toxicity:

Single Exposure: Not classified.

Repeat Exposure: Not classified.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

No data available for product.

Sodium Carbonate: LC50 Lepomis macrochirus 300 mg/ L / 96 hr.; LC50 Ceriodaphnia 200 - 227 mg/L/48 hr.

Trisodium Phosphate: LC50 Gambusia affinis 28.5 mg/L / 96 hr.

Sodium Tripolyphosphate: LC50 Danio rerio >1850 mg/L/24 hr.; EC50: Daphnia magna >100 mg/ L / 48 hr.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS
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Waste Treatment Methods:

Dispose in accordance with all local, state, and national regulations.

SECTION 14: TRANSPORTATION INFORMATION

	UN Number	Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
US DOT	None	Not regulated	N/A	N/A	None
IMDG	None	Not regulated	N/A	N/A	None
IATA	None	Not regulated	N/A	N/A	None

Special Precautions for User: Trisodium Phosphate and Sodium Tripolyphosphate (RQ 50000 lbs.) - (33,333 lbs. RQ for product)

Transport in Bulk According to IMO Instruments: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:**U.S. FEDERAL REGULATIONS:**

CERCLA 103 Reportable Quantity: Releases above the RQ of 33,333 lbs. (based on the RQ for Trisodium Phosphate and Sodium Tripolyphosphate of 5,000 lbs. present at 15%) must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Refer to Section 2 for OSHA Hazard Classification.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None.

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on TSCA.

STATE REGULATIONS:

California Proposition 65: This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

SECTION 16: OTHER INFORMATION

HMIS Ratings: Health - 2 Flammability - 0 Physical Hazard - 0
NFPA Ratings: Health - 2 Flammability - 0 Instability - 0

Date of Current Revision: 08/26/2024

Revision Summary: Update to US format and Hazcom 2024. Changes to all Sections.

Date of Previous: 11/05/2015

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 This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Lyman Products shall not be held liable for any damage resulting from handling or from contact with the above product.