

Rose Laundri-Brite Powder Safety Data Sheet

Section 1: Identification

Product Identification

Product Name: Laundri-Brite Powder
 Product Number: 288500
 Product Description: Laundry Detergent
 Synonyms and Trade Names:
 Additional Information:

Distributor Identification

Distributor Name: Hillyard/Ohio-Rose Products
 Distributer Address: 545 Stimmel Road, Columbus, Ohio 43223-2901
 Distributer Daytime Telephone: 614-433-7647
 24 Hour Emergency Contact: 800-255-3924

Section 2: Hazards Identification

Hazard Pictograms



Signal Word

Danger

Hazard Statements

*May intensify fire, oxidizer
 Causes severed skin burns and eye damage
 May be harmful if swallowed
 May be harmful in contact with skin
 May be harmful if inhaled
 Toxic to aquatic life*

Precautionary Statements

*Wash hands thoroughly after handling
 Wear eye and face protection, and protective gloves
 Use only outdoors or in well ventilated are
 Avoid breathing dust or mist
 Keep away from heat
 Keep away from acids, reducing agents, organic materials, and ammonia.
 Take precautions to avoid mixing dry powder with combustibles*

*If in eyes: Rinse cautiously with water for several minutes.
 Remove contact lenses if present and easy to do. Continue rinsing. Immediately call doctor.
 If swallowed: Rinse mouth. Do **NOT** induce vomiting
 If on skin: Rinse skin with water. Wash contaminated clothing before reuse. If skin irritation occurs, get medical attention.
 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call doctor if feeling unwell*

Dispose of liquid solutions by discharge to approved water treatment facility. Dispose of dry powder in accordance with local solid waste regulations. Rinse containers prior to disposal.

Rose Laundri-Brite Powder

Safety Data Sheet

Section 3: Composition and Ingredient Information

CAS No.	Name	Percent
51580-86-0	Sodium dichloroisocyanurate dihydrate □	25 to 30
7758-29-4	Sodium triphosphate pentabasic □	10 to 15
6834-92-0	Sodium metasilicate □	0 to 5
7647-14-5	Sodium chloride	50 to 60

Section 4: First Aid Measures

Description of Symptoms and First Aid Measures

- Inhalation:** *Acute: Irritation of mouth, throat, nasal passages. Coughing, pain, or difficulty when breathing*
- If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms persist.*
- Eye Contact:** *Acute: Burning sensation, tearing, blurred vision*
Delayed: Burning sensation, discharge from eye, blurred vision
- Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Contact physician if irritation develops or persists.*
- Skin Contact:** *Acute: Burning sensation, redness or swelling*
Delayed: Redness or swelling
- Wash with soap and water. Get medical attention if irritation develops or persists.*
- Ingestion:** *Acute: Burning sensation in mouth or throat. Abdominal pain*
- Never give anything by mouth to an unconscious person. Rinse mouth with water. Give two or three cups of water. Consult a physician*

Rose Laundri-Brite Powder

Safety Data Sheet

Section 5: Fire Fighting Measures

Fire:	<i>Non-flammable</i>
Extinguishing Media:	<i>Water, carbon dioxide, dry chemical, foam</i>
Hazardous decomposition products formed under fire conditions	<i>Carbon oxides Nitrogen oxides (NOx) Hydrogen chloride gas Sodium oxides Phosphorus oxides Silicon oxides</i>
Special Fire Fighting Precautions:	<i>If material is involved in a fire, avoid skin and eye contact, and wear self-contained breathing apparatus operating in pressure demand mode</i>
Unusual Fire Hazards:	<i>Material contains a strong oxidizer. Contact with combustibles may initiate or promote combustion.</i>

Section 6: Accidental Release Measures

Personal Protection:	<i>Wear appropriate personal protective equipment. Avoid inhalation of dust</i>
Small Spills:	<i>Avoid release into the environment. Flush area with water to waste water treatment system..</i>
Large Spills:	<i>Protect spills from contact with storm water or fire water. If contact occurs, dike to prevent run off from entering environment, collect and treat prior to disposal. Avoid generation of dust during clean up. Clean up solid spills mechanically and place in closed containers. Disposal of solids in accordance with local regulations. Wash area with water and direct run off to waste water treatment system.</i>
Special Considerations	<i>None</i>
Notification:	<i>In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.</i>

Rose Laundri-Brite Powder

Safety Data Sheet

Section 7: Handling and Storage

- Safe Handling:** *Avoid formation of dust or aerosols.
Do not breathe dust. Use in adequate ventilation or respiratory protection
Avoid contact with skin or eyes
Avoid prolonged or repeated contact with skin and eyes. Launder contaminated clothing before reuse.
Do not ingest. Wash hands before eating.*
- Safe Storage:** *Keep container closed to avoid moisture
Keep container in a cool, well-ventilated area.
Keep away from heat or ignition sources.
Avoid incompatible materials*
- Incompatible Storage:** *This product should not be stored with the following:
Acids, ammonia, organic materials, reducing agents*

Section 8: Exposure Controls and Personal Protection

Exposure Limits

CAS No.	Name	Percent	Exposure Limits
51580-86-0	Sodium dichloroisocyanurate dihydrate □	25 to 30	
7758-29-4	Sodium triphosphate pentabasic □	10 to 15	
6834-92-0	Sodium metasilicate □	0 to 5	2 mg/m3 TWA PEL 2 mg/m3 TLV ACGIH
7647-14-5	Sodium chloride	50 to 60	

Exposure Controls

- Engineering Controls** *Good general ventilation should be sufficient to control dust.*
- Protective Facilities** *Safety Shower, Eye Bath, Washing Facilities*
- Eye and Face Protection** *Safety glasses with side shields for normal conditions. Use full face mask, air purifying particulate respirator if dusting is excessive*
- Skin and Hand Protection** *If required, wear protective gloves and apron of nitrile rubber.*
- Respiratory Protection** *Use full face mask, air purifying particulate respirator if dusting is excessive (non-oil, N95). Consult your industrial hygiene specialist for recommendations and limitations*
- Hygiene Measures** *Observe good industrial hygiene practices. Wash exposed areas after use and before eating, drinking, or use of tobacco.*

Rose Laundri-Brite Powder

Safety Data Sheet

Section 9: Physical and Chemical Properties

Appearance	
Physical State:	<i>Solid</i>
Form:	<i>Powder</i>
Color:	<i>White</i>
Odor:	<i>Slight chlorine odor</i>
Odor Threshold:	<i>NDA</i>
Taste:	<i>NDA</i>
pH:	<i>6 to 10</i>
Boiling Point (°F):	<i>NA</i>
Melting/Freezing Point (°F)	<i>> 400</i>
Flash Point (°F):	<i>NA</i>
Upper Flammability Limit (%):	<i>NA</i>
Lower Flammability Limit (%):	<i>NA</i>
Autoignition Temperature (°F):	<i>NA</i>
Decomposition Temperature (°F):	<i>NDA</i>
Vapor Pressure (mmHg)(°C):	<i>NA</i>
Vapor Density (air=1)	<i>NDA</i>
Specific Gravity (water=1) (25°C)	<i>NDA</i>
Evaporation Rate (BuAc = 1):	<i>NA</i>
Molecular Weight	<i>NA</i>
Viscosity (cp):	<i>NA</i>
Partition coefficient n-octanol/water)	<i>NA</i>
Solubility, Water (g/l)(°C):	<i>1 lb per gallon max.</i>
Solubility, (other) (g/l)(°C):	<i>NDA</i>

NDA = No Data Available

NA = Not Applicable

Section 10: Stability and Reactivity

Chemical Stability:	<i>Stable</i>
Possible Hazardous Reactions:	
Corrosivity	<i>None</i>
Polymerization	<i>None</i>
Conditions to Avoid:	<i>None</i>
Incompatible Materials:	<i>Acids, ammonia, organic materials, reducing agents, metals</i>
Hazardous Decomposition Products:	<i>Carbon oxides Nitrogen oxides (NOx) Hydrogen chloride gas Sodium oxides Phosphorus oxides Silicon oxides</i>

Rose Laundri-Brite Powder

Safety Data Sheet

Section 11: Toxicological Information

Likely Routes of Exposure

Inhalation:

Inhalation is not an expected hazard unless dust is present. Dust inhalation can cause irritation to the nose, throat, and upper respiratory tract. Severe exposures can lead to a chemical pneumonitis.

Ingestion:

Ingestion is not an expected hazard under normal usage conditions.

Skin Contact/Absorption:

May cause moderate skin irritation.

Eye Contact/Absorption:

Can cause severe eye irritation

Pre-existing Conditions

None

Acute Toxicity

Test

Result

Basis

Oral Toxicity (Rat)

3,500 mg/kg

Based on 7647-14-5

Oral Toxicity (Mouse)

770 mg/kg

Based on 6834-92-0

Dermal Toxicity (Rabbit)

4,640 mg/kg

Based on 7758-92-4

Inhalation Toxicity, Vapor (Rat, 10h)

42,000 mg/m³

Based on 7647-14-5

Eye Irritation (Rabbit)(24 hr OECD 404)

Severe Irritation

Based on 51580-86-0

Skin Irritation (Rabbit)

Moderate

Based on 7758-29-4

(24 hr OECD 404)

Summary

Oral Toxicity*

Category 5

Dermal Toxicity*

Category 4

Inhalation Toxicity, Vapor*

Category 5

Skin Irritation*

Category 2

Eye Irritation*

Category 1

*Based on specific component adjusted to product concentration

Chronic Toxicity

NTP Listed

Product:

Not listed

Specific Substance:

None listed

IARC Listed

Product:

Not listed

Specific Substance:

None listed

Proposition 65

Product:

Not listed

Specific Substance:

None listed

Rose Laundri-Brite Powder

Safety Data Sheet

CAS	Name	RTECS #
51580-86-0	Sodium dichloroisocyanurate dihydrate	XZ1910000
7758-29-4	Sodium triphosphate pentabasic □	YK4570000
6834-92-0	Sodium metasilicate □	VV9275000
7647-14-5	Sodium chloride	VZ4725000

Section 12: Ecological Information

Impact: *This product has low environmental impact in small quantities. Larger releases may result in foaming and toxic effects on aquatic organisms.*

Acute Toxicity, Fish

Product: NDA
Specific Substance:

Acute Toxicity, Aquatic Invertebrates

Product: NDA
Specific Substance:
Sodium triphosphate pentabasic *EC50 - Daphnia - 276.61 mg/l - 48 h*
Sodium dichloroisocyanurate dihydrate *Daphnia, 48 hr NOEL: .15 mg/l*
Daphnia, 24h LC50: .199 mg/l
Daphnia, 47h LC50: .196 mg/l

Toxicity, Aquatic Plants

Product: NDA
Specific Substance:

Biodegradation

Product: NDA
Specific Substance:

Bioaccumulation Potential

Product: NDA
Specific Substance:

NDA = No Data Available

Section 13: Disposal Information

General Information

Dispose of in accordance with local regulatory requirements.

Disposal Methods

Discharge, treatment, or disposal may be subject to national, state, or local laws.

Small amounts of material may be disposed of in waste water treatment systems. Larger quantities should be disposed of in accordance with local solid waste regulations.

Rose Laundri-Brite Powder

Safety Data Sheet

Section 14: Transportation Information

DOT	UN3084, Corrosive Solid, Oxidizing n.o.s. (contains sodium dichloroisocyanurate, dihydrate), 8, II
Label	Corrosive, Oxidizer
Reportable Quantity	NA
Marine Pollutant	No
Transport in bulk	NA

Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

Section 15: Regulatory Information

Chemical Inventory Status

Ingredient (CAS)	TSCA8(b)	EC	Japan	Australia	Canada DSL	NDSL
Sodium dichloroisocyanurate dihydrate			X	X		
Sodium triphosphate pentabasic <input type="checkbox"/>	X	X	X	X	X	
Sodium metasilicate <input type="checkbox"/>	X	X	X	X	X	
Sodium chloride	X	X	X	X	X	

Federal Regulations

Ingredient (CAS)	RCRA (261.33)	EPCRA/CERCLA 302 TPQ	304 RQ	313 Listed	CAA 112(r) TQ	TSCA 8(d)
Sodium triphosphate pentabasic <input type="checkbox"/>			5,000			

Rose Laundri-Brite Powder

Safety Data Sheet

Other Regulations/Information

OSHA:	Oxidizer Harmful by ingestion Irritant
VOC:	NA
Chemical Weapons Convention:	No
WHMIS	<i>This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.</i>
Hazard Classification:	Class D2B – Skin and Eye Irritation
HMIS	<i>HMIS ratings involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.</i>
Health:	1
Fire:	0
Reactivity:	1
PPE:	B
NFPA	NFPA 704
Health:	1
Fire:	0
Reactivity:	1
Special Hazards:	Ox

NDA = No Data Available
NA = Not Applicable

Section 16: Other Information

Disclaimer: *The information presented in this Safety Data Sheet was prepared by technical personnel, based on data that they believe, in their good faith judgment, is accurate. This information should be used to make an independent determination of the appropriate and necessary methods to safeguard workers and the environment, considering the specific conditions and methods of use that will be employed. This information is provided without warranty.*

Prepared 20 October 2013