



Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name LAUNDRY PLUS
Product use Laundry Detergent.
Product code 5811
Date of issue 10/21/10 **Supersedes** 01/24/08

Emergency Telephone Numbers

For MSDS Information:

Technical Services Group
Telephone (780) 453-8100
(Business Hours 8:00am - 5:00pm)

For Medical or Transportation Emergency

CANUTEC (24 Hours)
(613) 996-6666 - Call Collect

Prepared By

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Section 2. Hazards Identification

Emergency overview

CAUTION !

MAY BE HARMFUL IF SWALLOWED.

Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Inhalation.

Eyes

Corrosive to eyes. Eye contact can result in corneal damage or blindness.

Skin

Corrosive to skin on contact. Skin contact can produce inflammation and blistering.

Inhalation

Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing. Severe over-exposure can produce lung damage, choking, unconsciousness or death.

Ingestion

Harmful if swallowed.

Chronic effects

Repeated or prolonged skin contact may produce chronic inflammation or dermatitis, characterized by redness, scaling or itching. Repeated eye exposure may produce chronic inflammation of the eye or corneal damage.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

| | CAS number | % by Weight |
|---|------------|-------------|
| SODIUM CARBONATE; soda ash; carbonic acid, disodium salt | 497-19-8 | 60 - 100 |
| SODIUM METASILICATE; silicic acid (H ₂ -Si-O ₃) disodium salt; water glass | 6834-92-0 | 10 - 30 |

Section 4. First Aid Measures

Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin Contact

Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation

Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe.

Ingestion

Move exposed person to fresh air. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention.

Section 5. Fire Fighting Measures

| | |
|----------------------------------|---|
| Flash Point | Closed cup: Not applicable. |
| Flammable Limits | Not available. |
| Flammability | Non-combustible. |
| Auto-ignition Temperature | |
| Fire-Fighting Procedures | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. In case of fire, use water spray (fog), foam, dry chemical or CO ₂ . |
| Fire hazard | No specific fire or explosion hazard. |
| Products of Combustion | carbon oxides (CO, CO ₂) and toxic/corrosive fumes as oxides of phosphorous |
| Explosion hazard | Not available. |

Section 6. Accidental Release Measures

| | |
|-----------------------|---|
| Spill Clean up | Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. |
|-----------------------|---|

Section 7. Handling and Storage

| | |
|-----------------|---|
| Handling | Put on appropriate personal protective equipment (see section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container. Wash thoroughly after handling. |
| Storage | Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep out of the reach of children. |

Section 8. Exposure Controls/Personal Protection**Product name**

Sodium Carbonate

Exposure limits

ACGIH (United States).

: 15 mg/m³ Form: Dust

OSHA PEL (United States).

TWA: 15 mg/m³ 8 hour(s). Form: Total dust

ACGIH TLV (United States).

TWA: 10 mg/m³ 8 hour(s). Form: Dust

OSHA PEL (United States).

: 15 mg/m³ Form: Dust

Sodium Metasilicate

Personal Protective Equipment (PPE)

| | |
|-----------------------|--|
| Eyes | Recommended: Safety glasses. |
| Hands and Body | Recommended: Neoprene gloves. Nitrile gloves. Rubber gloves. |
| Respiratory | Recommended: No respiratory protection needed under normal use conditions. |

**Section 9. Physical and Chemical Properties**

| | | | |
|-------------------------|--|-------------------------|-----------------|
| Physical State | Solid. | Color | White. |
| pH | Not applicable. | Odor | Citrus [Slight] |
| Boiling Point | Not available. | Vapor Pressure | Not applicable. |
| Specific Gravity | Not applicable. | Vapor Density | Not available. |
| Solubility | Easily soluble in the following materials: cold water and hot water. | Evaporation Rate | Not applicable. |
| Freezing Point | | VOC (Consumer) | Not available. |

Section 10. Stability and Reactivity

| | |
|---|--|
| Stability and Reactivity | The product is stable. |
| Incompatibility | Slightly reactive or incompatible with the following materials: oxidizing materials and acids. |
| Hazardous Polymerization | Will not occur. |
| Hazardous Decomposition Products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

Section 11. Toxicological Information

Carcinogenicity Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Acute Toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|-------------------------|-----------|---------|------------|----------|
| SODIUM CARBONATE | LD50 Oral | Rat | 2800 mg/kg | - |
| Sodium Metasilicate | LD50 Oral | Rat | 2200 mg/kg | - |

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

| Product/ingredient name | Test | Result | Species | Exposure |
|-------------------------|------|---------------------|------------------|----------|
| Sodium Carbonate | - | Acute LC50 300 mg/L | Fish - Bluegill. | 96 hours |
| | - | Acute LC50 265 mg/L | Daphnia | 96 hours |

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with applicable regulations. Consult your local or regional authorities for additional information.

Waste Stream Not available.

Section 14. Transport Information

| Regulatory information | UN number | Proper shipping name | Classes | PG* | Label | Additional information |
|---------------------------|----------------|----------------------|----------------|-----|-------|------------------------|
| TDG Classification | Not regulated. | - | - | - | | - |
| IMDG Class | Not available. | Not available. | Not available. | - | | - |

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.

PG* : Packing group

Section 15. Regulatory Information**Canada**

WHMIS (Canada) Class E: Corrosive material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*