

991281

MATERIAL SAFETY DATA SHEET

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026
 Medical Calls from Outside of the USA: 612 292 4064 (USA)

INSTITUTIONAL DIV., Ecolab Inc. Product Information: 1-800-352-5326
 Ecolab Ctr. St. Paul MN 55102 Date of Issue: September 22, 1997

1.0 IDENTIFICATION /**1.1 Product Name:** LAUNDRI PERMA BRITE PLUS

1.2 Product Type: High Alkaline Powdered Laundry Detergent

++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "#" ++

2.0 HAZARDOUS COMPONENTS /

(mg/m3)

		%	PEL	TWA
2.1 Sodium metasilicate	6834-92-0	35	No	No
2.2 Nonylphenol ethoxylate	9016-45-9	8	No	No
2.3 Sodium perborate	7632-04-4	3	No	*

* (The OSHA TWA for sodium borate salts = 10 mg/m3.)

2.4 This product contains no other components considered hazardous according to the criteria of 29 CFR 1910.1200.

PEL = OSHA 8 Hour Average in Air

TWA = ACGIH 8 Hour Average in Air

3.0 PHYSICAL DATA /

3.1 Appearance: White to pale yellow powder; no specific odor

3.2 Solubility in Water: Appreciable

3.3 pH: 11.2 - 11.7 (0.1%)

4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: None

4.2 Fire Fighting Methods: Does not support combustion.

5.0 REACTIVITY DATA /

5.1 Stability: Stable under normal conditions of handling.

5.2 Conditions to Avoid: Reacts vigorously with acids.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

6.1 Cleanup: Pick up without raising dust. Flush area with water.

6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal.

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7.0 HEALTH HAZARD DATA / DANGER

7.1 Effects of Overexposure to Concentrate:

Skin and Eyes: CAUSES SEVERE CHEMICAL BURNS. Eye contact may

cause blindness. Harmful contact may not cause immediate pain.

++ Immediate water flushing is vital in case of eye contact. ++

If Swallowed: HARMFUL OR FATAL. Causes chemical burns of mouth,

throat and stomach.

If Inhaled: Damages airways and lungs, depending upon amount and

duration of exposure. Effects vary from irritation to bronchitis or pneumonia. People with lung problems may be more affected.

8.0 FIRST AID /

8.1 Eyes: Flush at once with cool running water. Remove contact

lenses. Continue flushing for at least 15 minutes, holding eyelids apart so as to rinse entire eye. CALL A PHYSICIAN IMMEDIATELY.

8.2 Skin: Immediately flush skin with plenty of cool running water for

at least 15 minutes while removing contaminated clothing and shoes; discard or wash well before reuse.

8.3 If Swallowed: Rinse mouth at once; then drink 1 or 2 large glasses

of water. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.

8.4 If Inhaled: Immediately move to fresh air.

IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026,
A POISON CONTROL CENTER OR A PHYSICIAN

9.0 PROTECTIVE MEASURES /

9.1 CONCENTRATE:

Respiratory: Avoid breathing dusts or mists of this product.

Eyes: Use chemical splash goggles. For continued or severe

exposure wear a face shield over the goggles.

Skin: Use industrial rubber glove, other protection as necessary

to avoid skin contact.

9.2 USE SOLUTIONS: Avoid contact with use solutions. These may also -----

be hazardous. Use protective equipment as necessary.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 Purpose of 09/22/97 issue: Editorial update and adjust Line 3.3

10.2 Keep product dry. Do not store in wet, moist areas.

KEEP PRODUCT OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.