



www.ecologicsolutions.com (800) 477-2577
PO BOX 180482, BROOKLYN, NY 11218

MSDS #: N2000 0409

| Hazard Rating | HMIS | NFPA |
|---------------|------|------|
| Health | 0 | 0 |
| Flammability | 0 | 0 |
| Reactivity | 0 | 0 |
| Special | None | None |

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Product: N2000 – Heavy Duty Laundry Detergent & Softener

| GENERIC DESCRIPTION | DATE ISSUED | SUPERSEDES | PREPARED BY |
|---------------------------|-------------|------------|-----------------------|
| Machine Laundry Detergent | 8/16/2010 | None | Regulatory Specialist |

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

| Components | CAS # | % by Weight |
|------------------------------|-------------|-------------|
| Proprietary Surfactant Blend | Proprietary | 40-50 |
| Sodium Octyl Sulfate | 142-31-4 | 2-4 |
| Sodium Benzoate | 532-32-1 | 0 – 2 |
| Natural Lavender Fragrance | | <1 |

CONTAINS NO HAZARDOUS INGREDIENTS

SECTION 3: HAZARD IDENTIFICATION

ACUTE TOXICITY: See effects of overexposure and other effects off overexposure below. **THRESHOLD LIMIT VALUE:** Not Established
EFFECTS OF OVEREXPOSURE: Ingestion: Irritating to the gastrointestinal tract, causing abdominal pain and vomiting, sometimes bloody. Eye contact: Moderate eye irritant. Skin contact: Mildly irritating to skin. Skin absorption: Systemically toxic concentrations will probably not be absorbed through the skin in humans. Inhalation: May cause mild irritation to the nose, throat and respiratory tract. **OTHER EFFECTS OF OVER EXPOSURE:** Irritating as noted above. **AGGRAVATED MEDICAL CONDITIONS:** Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product. Impaired function from preexisting disorders may be aggravated by exposure to this product.

SECTION 4: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES: **EYE CONTACT:** Immediately flush with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention. **SKIN CONTACT:** If irritation occurs remove contaminated clothing and footwear. Wash material off the skin with plenty of water. Wash clothing and footwear before reuse. Get medical attention if irritation persists. **INHALATION:** Remove to fresh air and provide oxygen if breathing is difficult. Get medical attention. **INGESTION:** Do not give liquids if victim is unconscious or very drowsy. Otherwise, give no more than two glasses of water and induce vomiting by giving 30cc (2 tablespoons) Syrup of Ipecac. If Ipecac is unavailable, give two glasses of water and induce vomiting by touching finger to back of victim's throat. Keep victim's head below hips while vomiting. Get medical attention. **NOTE TO PHYSICIAN:** If victim is a child, give no more than 1 glass of water and 15cc (1 tablespoon) syrup of Ipecac. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage should be considered following incubation with a cuffed endotracheal tube.
24-HR MEDICAL EMERGENCY PHONE: 1.800.477.2577

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: None- This product is not considered a fire hazard, nor will it support combustion. **Extinguishing Media:** Use standard firefighting measures to extinguish fires involving this material (water spray, dry chemicals or foam).

SECTION 6: ACCIDENTAL RELEASE MEASURES

IN CASE OF FIRE: No special precautions **PROCEDURES IF MATERIAL IS SPILLED OR RELEASED:** Where possible flush down drain to waste treatment sewer; otherwise on small spills, use chemical absorbent and sweep up. For large spills, contain and collect.

WASTE DISPOSAL PROCEDURES: Dispose of this product or its residues in accordance with all local, state and federal requirements.

SECTION 7: HANDLING AND STORAGE

Keep out of reach of children. Avoid eye and prolonged skin contact.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY PROTECTION: None required for recommended use

LOCAL EXHAUST: Normal room ventilation

PROTECTIVE GLOVES AND CLOTHING: None required

EYE PROTECTION: None required for recommended use.

OTHER PROTECTIVE EQUIPMENT: As determined by or recommended by federal state or local regulations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------|----------------------|
| BOILING RANGE: | 100°C |
| SPECIFIC GRAVITY: (Water = 1) | 1.10 ± .02 |
| VAPOR PRESSURE AT 20C: (MM of HG) | Equivalent to water |
| VAPOR DENSITY: (Air = 1) | Equivalent to water |
| SOLUBILITY IN WATER: | Infinite |
| SOLUBILITY IN SOLVENT: | Moderate |
| EVAPORATION RATE: | Equivalent to water |
| APPEARANCE: | Clear Viscous liquid |
| ODOR: | Lavender |
| pH RANGE: | 6.5 – 8.5 |

SECTION 10: STABILITY AND REACTIVITY

CONDITIONS TO AVOID: None known
INCOMPATIBILITY WITH OTHER MATERIALS: None known
HAZARDOUS DECOMPOSITION MATERIALS: None known
HAZARDOUS POLYMERIZATION: Will not occur
STABILITY: Stable under normal conditions

SECTION 11: TOXICOLOGICAL INFORMATION

Oral Toxicity: This product is non-toxic based upon current information available to EcoLogic Solutions and provided by all ingredient manufacturers. **This product contains no ammonia. No PBTs:** This product contains none of the persistent, bioaccumulative and toxic chemicals (**PBT**) as listed by EPA: dioxins & furans, toxaphene, PCBs, Mirex, Mercury & compounds, Octachlorostyrene, alkyl-lead, DDT, Hexachlorobenzene, aldrin/dieldrin, benzo(a)pyrene and chlordane. **No Butyl:** Contains no 2-butoxyethanol (butyl). **No Endocrine Modifiers:** Based upon information provided by manufacturers of all ingredients used to manufacture this product, none of the ingredients used in this product contain APE, OPE, NPE or dibutyl phthalate. **No petroleum distillates.**

SECTION 12: ECOLOGICAL INFORMATION

The ingredients are readily biodegradable & non toxic to aquatic life. After this product's use, it will readily biodegrade in sewage systems and/or the environment. All ingredients are non-polluting. Contains no nonyl phenol ethoxylates or alkyphenol ethoxylates (**APE**). This product contains no ozone-depleting chlorinated compounds as specified by the Montreal Protocol. **No VOCs.** This product contains no paradichlorobenzene 1,4-dioxane, sodium hypochlorite, NTA or sodium EDTA.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Information: No special method. Observe all applicable Federal, State and Local regulations, rules and/or ordinances regarding disposal of non-hazardous materials. Discarded product is not a hazardous waste according to OSHA. This product is not considered a hazardous waste as per OSHA. Observe all applicable Federal, State and Local regulations, rules and/or ordinances regarding disposal of non-hazardous materials.

SECTION 14: TRANSPORT INFORMATION

DOT EMERGENCY 24-HR: 1.800.477.2577

U.S. DOT Class: Not Regulated

DOT Shipping Name: Compound, Cleaning Liquid

SECTION 15: REGULATORY INFORMATION

SARA Title III Section 313 and 40 CFR Part 372 Notification: See section 2.

No ingredients in this product are currently listed as carcinogens by EPA or OSHA. All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SECTION 16: OTHER INFORMATION

Always follow label directions carefully when using this or any other chemical product. Keep MSD Sheets filed and organized in an area accessible to workers according to the Hazard Communication Standards.

All information contained in this Material Safety Data Sheet is provided to the best of EcoLogic Solutions knowledge. No warranty is made with respect to this information, expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the MSDS are suitable for their intended use. The information contained herein is confidential, intended solely for the user's internal use and may not be provided to any third parties. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this MSDS.