

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: BUILT 2N1
Chemical Family: Laundry Detergent

Product Code: 5373

BC INDUSTRIAL SERVICES LLC
 2220 EASTMAN AVE #112
 VENTURA, CA 93003
 (805)650-1014

24 Hr. Emergency Tel.#: 800-424-9300

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the Substance or Mixture:

- Skin Irritation - Category 2
- Eye Irritation - Category 2
- Acute Toxicity - Oral Category 4
- Acute Toxicity - Dermal Category 4



Signal Word: WARNING

Hazard Statements:

- Causes skin irritation
- Causes serious eye irritation
- May be corrosive to metals
- Harmful if swallowed
- Harmful in contact with skin

Precautionary Statements:

- Wear protective gloves/protective clothing/eye protection/face protection.
- IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Concentration
SODIUM HYDROXIDE	1310-73-2	10-15%
SODIUM CARBONATE	497-19-8	40-50%

SECTION 4 - FIRST-AID MEASURES

- Inhalation:** Get medical advice/attention if you feel unwell.
- Skin Contact:** Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water with a flushing duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard.
- Eye Contact:** Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 30 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. Immediately call a POISON CENTER/doctor.
- Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.
- Most Important Symptoms and Effects, both Acute and Delayed:** Causes severe skin burns and eye damage, burning of the mouth, throat, and esophagus.
- Indication of any Immediate Medical Attention and Special Treatment Needed:** Treat symptomatically

SECTION 5 - FIRE-FIGHTING MEASURES

- Extinguishing Media:** Material is not flammable. Use extinguisher media appropriate for material in surrounding fire.
- Special hazards arising from the substance or mixture:** Non combustible. May give off irritating or toxic fumes (or gases) in a fire.

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Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012): Non flammable

Hazardous Combustion Products: May cause fire and explosions when in contact with incompatible materials.

Special protective equipment and precautions for firefighters: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

Methods and materials for containment and cleaning up: Carefully vacuum/sweep material into a designated PLASTIC waste container. Collect in plastic containers only.

Special spill response procedures: Collect spills in plastic containers only

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

Conditions for Safe Storage: Keep product in tightly closed container when not in use. Do not drop, roll, or skid drum. Store in a cool, dry, well-ventilated area away from heat or open flame.

Incompatible Materials: Avoid acids and/or strong oxidizers when using or storing this product.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation and engineering measures: Forced air, local exhaust, or open air is adequate.

Respiratory Protection: In case of confined spaces or high levels encountered in the air, wear self contained breathing apparatus.

Skin Protection: Wear chemical resistant gloves and chemical resistant garments when handling, wash garments before re-use.

Eye/Face Protection: Wear safety glasses, goggles and/or face shield to prevent eye contact.

Other Protective Equipment: Eye wash facility and emergency shower should be in close proximity.

General Hygiene Conditions: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder

Odor: Odorless.

pH: 10.5-11.5 (1:100)

Melting/Freezing point: No information available.

Initial boiling point and boiling range: No information available.

Flammability (solid, gas): Non flammable.

Solubility in Water: Complete

Decomposition temperature: No information available.

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Reactive with oxidizing agents, reducing agents, metals, acids and alkalis.

Chemical Stability: Stable under normal conditions

Possibility of Hazardous Reactions: May react with incompatible materials

Conditions to Avoid: Incompatible materials

Incompatible Materials: Alkalis, oxidizing agents, metals, acids and organic materials.

Hazardous Decomposition Products: Sodium Oxide. Decomposition by reaction with certain metals releases flammable and explosive Hydrogen gas.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry - inhalation: YES

Routes of entry - skin & eye: YES

Routes of entry - ingestion: YES

Routes of entry - skin absorption: NO

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Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

Inhalation: May cause irritation to respiratory system in mist/vapor form.

Ingestion: Corrosive! Swallowing causes severe burns of mouth, throat, and stomach. Severe scarring of tissue, corrosion, permanent tissue destruction and death may result. Symptoms may include severe pain, nausea, vomiting, diarrhea, shock, hemorrhaging and/or fall in blood pressure. Damage may appear days after exposure.

Skin: Corrosive! Contact with skin causes irritation or severe burns and scarring with greater exposures.

Eye: Corrosive! Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even blindness.

Potential Chronic Health Effects:

Mutagenicity: Not known to have mutagenic effects in humans or animals.

Carcinogenicity: Not expected to be a carcinogen or tumorigenic.

Reproductive effects: No known reproductive effects in humans or animals.

Sensitization to material: Not a known sensitizer in humans or animals.

Specific target organ effects: No known specific target organ effects.

Toxicological data: The calculated ATE values for this mixture are:

ATE oral = 500 mg/kg

ATE dermal = 1800 mg/kg

ATE inhalation = No information available.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: May be harmful to aquatic environment.

Persistence and degradability: Not expected to persist. Readily biodegradable.

Bioaccumulation potential: Not expected to bioaccumulate.

Mobility in soil: Soluble in water and mobile in soil.

SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for disposal: Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.

Method of disposal: Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

RCRA: If product becomes a waste, it does meet the criteria of a hazardous waste as defined by the US EPA, because of: Corrosivity D002

SECTION 14 - TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

US 49 CFR/DOT/IATA/IMDG Information: Non hazardous chemical

Environmental hazards: Not a Marine Pollutant

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

TSCA information: All components are listed on the TSCA inventory.

US CERCLA Reportable quantity (RQ): Sodium hydroxide has a RQ of 1000 pounds.

SARA Title III: No chemicals in this product are subject to SARA Title III reporting.

SECTION 16 - OTHER INFORMATION

Legend:

SARA: The Superfund Amendments and Reauthorization Act

RCRA: Resource Conservation and Recovery Act

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TSCA: Toxic Substances Control Act

CFR: Code of Federal Regulations

DOT: Department of Transportation

ATE: Acute Toxicity Estimate

Preparation date: 2/27/2014