



TOUGH GUY™ LAUNDRY DETERGENT

Revision 03/10/2015

1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|-------------------------------|---|
| Product Identifier | TOUGH GUY™ LAUNDRY DETERGENT |
| Recommended use | Laundry Detergent |
| Recommended restrictions | None Identified |
| Manufacturer | CP Industries, LLC 560 North 500 West Salt Lake City, UT 84116 (800) 453-4931 InfoTrac (800) 535-5053 |
| Emergency Contact # (24 Hour) | |

2. HAZARDOUS IDENTIFICATION

Classification of the substance or mixture
GHS label elements, including precautionary
statements

Serious eye Damage/eye irritation Category 2: H319



Signal Word: **Warning**

Hazards not otherwise classified (HNOC) or not covered by GHS:

Hazard statements

H319 Causes serious eye irritation

Precautionary Statements - Prevention

P235 Keep cool

P273 Avoid release to the environment

P281 Use personal protective equipment as required

Precautionary Statements - Response

P302 + P352 IF ON SKIN: Wash with soap and water

P308 + P313 If exposed or concerned: Get medical advice/attention

P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention

P370 + P378 In case of fire: Use Carbon dioxide (CO₂), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material

P391 Collect Spillage

3. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Substance(s) Description</u> | <u>CAS#</u> | <u>Percentage</u> |
|---|-------------|-------------------|
| Sodium Carbonate | 497-19-8 | |
| Sodium Chloride | 7647-14-5 | |
| Sodium Silicate | 1344-09-8 | |
| Alcohol (C12-15 Ln. Saturated) Ethoxylate | 68131-39-5 | |
| Proprietary Surfactant Blend | N/A | |



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No ingredients are hazardous according to OSHA criteria.
No components need to be disclosed according to applicable regulations.

4. FIRST AID MEASURES

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| Inhalation First Aid | Inhalation is not likely but if it occurs remove victim to fresh air. If not breathing, provide artificial respiration and seek medical attention. |
| Skin Contact First Aid | No hazard to the skin. Does not irritate under normal conditions. |
| Eye Contact First Aid | Irritates eyes. Prolonged contact may cause irritation and corneal injury. Flush eyes with copious amounts of water for 15 minutes. |
| Ingestion First Aid | If swallowed do not induce vomiting. Give large quantities of water. Seek medical attention. |

| | |
|---|---|
| Most important symptoms and effects, both acute and delayed | The most important known symptoms and effects are described in the labelling. |
| Indication of any immediate medical attention and special treatment needed | No data available. |

5. FIRE FIGHTING MEASURES

| | |
|-------------------------------------|--|
| Extinguishing Media | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Special Hazards from mixture | Decomposes – Acrid smoke, carbon monoxide, carbon dioxide, irritating fumes, acrolein. |
| Advice for firefighters | Wear self-contained breathing apparatus for firefighting if necessary/available. |
| Further information | No data available. |

6. ACCIDENTAL RELEASE MEASURES

| | |
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| Personal precautions | Avoid breathing vapors, mist or gas. |
| Protective equipment and emergency procedures | For personal protection see Section 8. |
| Environmental precautions | Avoid large concentrations of product in a confined area. |
| Materials for containment and clean up | Sweep or shovel up and rinse spill area with water. |
| Methods for cleanup containment | Sweep up and keep in suitable, closed containers for disposal. See Section 13 for disposal procedures. |

7. HANDLING AND STORAGE

| | |
|---|--|
| Precautions for safe handling | This product has low irritation level and shouldn't require any special handling procedures. |
| Conditions for safe storage, including any | Storage containers should be stored in a cool, dry and |



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incompatibilities
Specific end use(s)

well-ventilated area away from strong oxidizing agents.
Apart from the uses stated in Section 1, no other specific uses are stipulated.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal Protective Equipment (PPE)

Respiratory Protection

Not an exposure route.

Skin Protection

Gloves should be worn when excessive skin contact cannot be avoided.

Eye Protection

Eye Protection is recommended in all industrial work places.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Granular Powder

Odor

Color: White

Odor Threshold

Citrus

pH

No data available

Melting/Freezing point

9.0-10.0 in 1% water

Initial boiling point

Freezing Point/range: -7° C (19° F)

Flash point

100° C (212° F)

Evaporation rate

Greater than 212.0 F / 100.0 C

Flammability (solid, gas)

No data available

Explosive limits

No data available

Vapor pressure

1.33 hPa (1.00 mmHg) at 865° C (1, 589° F)

Vapor density

No data available

Relative density

1.1G/Cm3

Water solubility

Complete

Partition coefficient n-octanol/water

No data available

Auto-ignition temperature

No data available

Decomposition temperature

No data available

Viscosity

Aqueous emulsion, low viscosity

Explosive properties

No data available

Oxidizing properties

No data available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Exposure to high temperatures



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Incompatible materials
Hazardous decomposition products

None known. Avoid excessive heat.
Other decomposition products - Acrid smoke, carbon monoxide, carbon dioxide, irritating fumes, acrolein

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity

Oral LD₅₀ > 5g/kg (Rat)

Eye Contact

Mild irritation.

Inhalation

Nuisance dust can be irritating to nose, throat and lungs

Skin Contact

Prolonged continual exposure can be irritating.

Ingestion

Ingestion may cause gastrointestinal irritation.

Chronic

No evidence of adverse effects from available data.

12. ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish

LC50 - Lepomis macrochirus (Bluegill) - 5,840 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates

NOEC - Daphnia - 1,500 mg/l - 7 d

LC50 - Daphnia magna (Water flea) - 1,661 mg/l - 48 h

Bioaccumulative potential

No data available

Persistence and degradability

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Product

Offer surplus and non-recyclable solution to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

OSHA Category

Not regulated



SAFETY DATA SHEET

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SARA 313 Supplier Notification

Not reportable

All Ingredients are Listed on the TSCA Inventory

16. OTHER INFORMATION

Special Precautions or Other Comments: Containers of this material may be hazardous when emptied since emptied containers retain product residues (vapor, liquid, and/or solid). All hazard precautions given in the data sheet must be observed.

Special Precautions or Other Comments: The information accumulated herein is believed to be accurate but is not warranted to be regardless of whom it originates with. Recipients are advised to confirm prior to need that the information is current, applicable, and suitable to their circumstances.