

BC-42

Revision 01/30/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier**BC-42****Recommended use**

Detergent

Distributed by:

EcoChem Products, LLC

P.O. Box 449

Salt Lake City, UT 84110

(800) 411-1455

InfoTrac (800) 535-5053

Emergency Contact # (24 Hour)**2. HAZARDOUS IDENTIFICATION**

Classification of the substance or mixture

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin irritation (Category 2), H315

Eye irritation (Category 2A), H319

Hazard Statements**H315-Causes skin irritation****H319-Causes serious eye irritation****GHS label elements, including precautionary statements****Signal Word: Danger****Hazards not otherwise classified (HNOC)**

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance(s) Description

Potassium Hydroxide

Sodium Tripolyphosphate

Proprietary Surfactant Blend

CAS#

1310-58-3

7758-29-4

N/A

Percentage

1 - 5

1 - 5

4. FIRST AID MEASURES

Inhalation First Aid

Inhalation is unlikely; however, if it does occur, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen. Seek medical attention.

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Skin Contact First Aid

Remove contaminated clothing and shoes. Wash exposed areas with soap and water. Call a physician for burns or irritation that persists.

Eye Contact First Aid

Contact even with diluted material should be treated immediately. Flush with water for at least 15 minutes holding eyelids apart to ensure flushing of entire eye surface. Seek medical attention, especially if in contact with concentrate.

Ingestion First Aid

Contact a physician immediately. Do not induce vomiting! Give large quantities water or milk. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Hazards from mixture

This product is not defined as flammable or combustible: however, under fire conditions it may support combustion and produce toxic oxides of carbon and various hydrocarbons.

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary/available.

Further information

No data available.

6. ACCIDENTAL RELEASE MEASURES

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

Mop and/or absorbent materials

Methods for cleanup containment

Completely contain spilled material and ventilate area. All persons cleaning up spill should be wearing protective clothing, including a respirator. Pump into approved container or absorb and dispose of in

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approved containers.

Reference to other sections

See Section 13 for disposal procedures

7. HANDLING AND STORAGE

Precautions for safe handling

Wear protective equipment when handling this product to avoid eye and skin contact. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage containers should be stored in a cool, dry and well-ventilated area away from strong oxidizing agents.

Specific end use(s)

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**

A respirator should be worn if exposed to excessive mists for prolonged periods.

Skin Protection

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

Eye Protection

Chemical goggles or face shield is recommended to prevent contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance**Form:** Liquid **Color:** Red**Odor**

Mild Detergent

Odor Threshold

No data available

pH

>12 (Concentrate)

Melting/Freezing point

No data available

Initial boiling point

No data available

Flash point

> 212°F (100°C)

Evaporation rate

No data available

Flammability (solid, gas)

No data available

Explosive limits

No data available

Vapor pressure

No data available

Vapor density

No data available

Relative density1 g/cm³**Water solubility**

Complete

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Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	> 302°F (150°C)
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

10. STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Decomposition produces toxic oxides of carbon and hydrocarbons. In the event of fire: see Section 5

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Potassium Hydroxide	OSHA PEL/TWA Total 2 Mg/M3 ACGIH TLV/TWA Total 2 Mg/M3
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 information.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	no data available
12.2 Persistence and degradability	no data available
12.3 Bioaccumulative potential	no data available
12.4 Mobility in soil	no data available
12.5 Results of PBT and vPvB assessment PBT/vPvB assessment	not available as chemical safety assessment not required/not conducted
12.6 Other adverse effects	no data available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Product	Offer surplus and non-recyclable solution to a licensed disposal company.
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SAFETY DATA SHEET

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Contaminated packaging

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. 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

SARA 313 Supplier Notification

Not reportable

All Ingredients are Listed on the TSCA Inventory

16. OTHER INFORMATION

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.