



MSDS

MATERIAL SAFETY DATA SHEET

24 Hour Emergency Telephone Number CHEMTREC 1-800-424-9300

SUNBELT CHEMICALS 71 HARGROVE GRADE PALM COAST, FLORIDA 32137

All non-emergency questions should be directed to Customer Service (1-386-446-4595) for assistance.

To request a copy of this MSDS contact Bill Butler at 1-386-446-4595 or e-mail bbutler@sunbeltchemicals.com

Right Stuff Formula #900 Phosphate Free Concentrate

1. Product Identification

Supplier GLN: 00179264004142

Product Name: Right Stuff Formula #900

CAS Number: Mixture or Solution

Quart Bottle

UPC Code: 017926900253

GTIN: 00179269002534

Gallon Bottle

UPC Code: 017926901045

GTIN: 00179269010454

2.5 Gallon Bottle

UPC Code: 017926902509

GTIN: 00179269025090

5 Gallon Pail

UPC Code: 017926905005

GTIN: 00179269050054

55 Gallon Drum

UPC Code: N/A

GTIN: N/A

2. Composition/Information about Ingredients

Ingredient Name	CAS No.	Hazardous	Percent of total weight
Surfactants (proprietary)	various	no	proprietary
Sodium hydroxide	1310-73-2	yes	<0.35
EB (2-Butoxyethanol)	111-76-2	no	<6
Water	7732-18-5	no	Balance

3. Hazards Identification and Emergency Overview

Emergency Overview:

Warning: Concentrate may cause eye and skin burns. Avoid contact with skin, eyes and clothing.

Harmful or fatal if swallowed: Do not taste or swallow. Avoid breathing vapor.

KEEP OUT OF REACH OF CHILDREN

Health Hazards both Acute and Chronic

Primary routes of entry: Eye contact and skin contact.

Eyes: May cause blindness.

Skin Hazards: May cause skin burns.

Ingestion Hazards: Harmful or fatal if swallowed. Causes digestive tract burns. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Inhalation Hazards: May cause nose, throat and lung irritation.

4. First Aid Measures

Eyes: Hold eye lids apart and thoroughly flush with clean water for 15 minutes. Get medical attention immediately

Skin: Wash affected area with soap and warm water. Remove contaminated clothing. Get medical attention immediately.

Ingestion: If conscious, dilute stomach contents by giving large amounts of water/milk and induce vomiting. Never give anything by mouth to a person who is unconscious. Get immediate medical attention.

Inhalation: Remove person to fresh air. Give mouth to mouth artificial respiration. Get medical attention in all cases immediately.

5. Fire Fighting Measures

NFPA Ratings: Health:1 Fire:0 Reactivity: 0 Other: COR (sodium hydroxide component)

Fire Fighting and Explosion Hazards:

Fire fighters should wear self contained breathing apparatus and full protective gear. May be corrosive. Vapors may accumulate in confined spaces (e.g. pits, sumps, sewers) and in inadequately ventilated areas.

Extinguishing Media:

Use CO₂ (Carbon Dioxide), dry chemicals, or foam.

Flash point: N/A Auto ignition temperature: N/A Lower flammable limit: N/A Upper flammable limit: N/A

6. Accidental Spill and Release Measures

Wear appropriate PPE. Contain and/or absorb any spill with inert material such as sand or vermiculite. Sweep up and remove immediately. Flush spill area with large quantities of water.

7. Handling and Storage

Warning: Keep out of reach of children. Keep containers tightly closed. Use only with adequate ventilation. Wash thoroughly after handling.

Work and Hygiene Practices: Wash thoroughly with soap and water after handling.

8. Exposure Controls and PPE

Engineering Controls: Use with adequate general and local exhaust ventilation.

Eye/Face Protection: Safety glasses with side shields or chemical splash goggles are recommended.

Skin Protection: Chemical resistant gloves made of neoprene are recommended. Protective footwear is advised to be worn. A plastic or rubber apron is also recommended.

Respiratory Protection: General room ventilation or local exhaust ventilation is normally adequate.

Hazardous Ingredients Exposure limits:

Sodium Hydroxide:

OSHA PEL-TWA: 2mg/m³ ACGIH TLV- ceiling: 2mg/m³ NIOSH REL- ceiling: 2mg/m³ DFG MAK-TWA: 2mg/m³

9. Physical and Chemical Properties

Appearance: Clear, medium purple liquid

Chemical type: Mixture or solution

Melting point: N/A

Vapor pressure: N/A

pH: < 12.5

Solubility: Complete

Ozone Depleting Chemicals: none

Odor: Mildly pungent

Physical state: Liquid mixture or solution

Boiling point: > 180F (82C)

Vapor density: N/A

Specific gravity: 1.002-1.006

Evaporation rate: <1 (Butyl Acetate = 1)

10. Stability and Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not occur

Unstable conditions to avoid: none known

Hazardous Decomposition Products: When heated by combustion, product produces normal combustion by-products.

11. Toxicological Information

Acute studies: No information available

Chronic/Carcinogenicity: none known

Hazardous Ingredients – Toxicology Data

Sodium Hydroxide: Oral-Rat LD 50: 140-340 mg/kg

Inhalation – Rat LC 50: > 40 mg/m³

12. Ecological Information

No information available

13. Disposal Considerations

Waste Disposal Methods: Dispose of in accordance with local, state and federal regulations.

RCRA Information: Material is below RCRA threshold for characteristic corrosive waste (pH < 12.5)

14. Transportation Information

Cleaning Solution, DOT– non-regulated in all sizes

15. Regulatory Information

U. S. Regulatory Information

All ingredients in this product are either listed or are excluded from listing under the U. S. toxic substances act (TSCA) chemical substance inventory.

SARA Hazard Class: Acute Health Hazard - Sodium hydroxide component of the mixture or solution

SARA 313 notification: none

Hazardous Ingredients – U.S Regulation Information Section 313 – none

Sodium Hydroxide – DOT hazardous

Hazardous Ingredients – States

Sodium Hydroxide

New Jersey – Work place hazard and Environmental hazard

Pennsylvania - Work place hazard and Environmental hazard

Massachusetts – Hazardous Substance

New York City – Hazardous Substance

CERCLA: Section 102 – Reportable Quantities of Sodium Hydroxide (1000 lbs – dry basis or 47,200 gallons of concentrated product solution)

OSHA: This MSDS is prepared in accordance with the Hazardous Communication Standard 20 CFR 1910.1200

16. Other Information

HMIS Rating Health: 1 Fire: 0 Reactivity: 0 PPE: C

This MSDS supersedes MSDS Right Stuff #900 Industrial Cleaner dated 2/22/2006

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