



RIG-CHEM®

customer service since 1980

SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: RC-Green Magic, RC-Green Magic 3-1, RC-Green Magic 4-1, RC-Green Magic 6-1
Product Use: Cleaner & Degreaser
UN #: N/A
Manufactured for: Rig-Chem
132 Thompson Road
Houma, LA 70363

Emergency Telephone #: 1-800-424-9300
General Information #: 985-873-7208
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Date Prepared: May 5, 2014

SECTION 2. HAZARD(S) IDENTIFICATION

HMIS Ratings: Health 1, Fire 0, Reactivity 0

Product VOC: 0%

Potential Health Effects:

- Eye Contact: May cause eye irritation.
- Skin Contact: May cause irritation. Repeated exposure may cause drying and flaking of the skin (dermatitis).
- Inhalation: Exposure to mists may cause irritation of entire respiratory tract.
- Ingestion: May result in irritation of entire gastrointestinal tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	Max. %
Sodium Metasilicate	6834-92-0	<5

SECTION 4. FIRST AID MEASURES

- Eyes: Flush well with water for at least 15 minutes. Remove any contact lenses. Seek medical attention.
- Skin: Wash with soap and water. If irritation persists, seek medical attention.
- Inhalation: Move to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
- Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. Never give anything by mouth to an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Flash Point: Not flammable

- Extinguishing Media: Foam, dry chemical, carbon dioxide fire extinguishers, water fog or spray. Do not spray water directly on fire. Use water spray to cool containers;
- Specific hazards arising from chemical: None.
- Hazardous combustion products: Carbon monoxide and carbon dioxide.
- Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece and chemical resistant personal protective equipment.
- Sensitivity to static discharge: This product is not combustible and is not readily ignited by static discharge.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Eliminate all ignition sources. Ventilate area.

- For Small Spills: Spilled material is slippery. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
- For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

- Handling: Wear personal protection equipment. Use with adequate ventilation. Do not handle around sources of ignition. Never use welding or cutting torch on or near drum (even empty). Do not premix with other chemicals.

- Storage: Keep away from heat, flame, or sunlight. Keep container closed when not in use. Protect from physical damage. Store away from oxidizing agent and acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>CAS #</u>	<u>OSHA/PEL</u>	<u>TLV</u>	<u>STEL</u>
Sodium Metasilicate	6834-92-0	NE	NE	NE

Engineering Controls: Provide adequate ventilation. Keep the risk of exposure to a minimum.

Personal protective equipment:

- Eyes: Safety glasses with side shields or splash proof goggles.
- Skin: Chemical resistant gloves
- Respirator: Use NIOSH approved protection if PEL is exceeded or if mists are causing irritation.
- Clothing: Normal materials handling clothing
- Other: Use only in a well ventilated area.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Description: Light green to green, clear liquid.
- Odor: Pleasant odor
- pH, Neat: 11 – 14
- Boiling point: NE
- Flash Point: Not flammable
- Evaporation Rate (n-butyl acetate=1): <1
- Upper Flammability Limit (% by volume): NE
- Lower Flammability Limit (% by volume): NE
- Vapor Pressure: >0.1mmHg @ 20°C
- Vapor Density: (Air = 1): <1
- Specific Gravity, (water = 1.0): 1.005 – 1.045 g/ml
- Water Solubility: Complete
- Auto-ignition Temperature: NE
- %Volatile/Volume: 89 – 97%

SECTION 10. STABILITY AND REACTIVITY

- Chemical stability: Stable.
- Reactivity: Not reactive under normal conditions.
- Hazardous polymerization: Will not occur.
- Conditions to avoid: Heat, flame and sparks. Do not mix with other chemicals
- Incompatibility with other substances: Avoid oxidizing agents and acids.
- Hazardous combustion products: Carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Oral (LD50 Rat): NE
- Dermal (LD50 Rabbit): NE
- Inhalation (LC50 Rat): NE
- Ingestion (LC50 Rat): >5000mg/kg
- May cause irritation to eyes and skin.

Chronic Toxicity:

- Repeated skin exposure may cause drying and flaking of the skin (dermatitis).

SECTION 12. ECOLOGICAL INFORMATION

Acute Aquatic Effects:

- 96h LC-50 (fish): >100ppm
- 96h EC-50 (invertebrates): >100ppm
- 48h EC-50 (algae): >10ppm
- Persistence and degradability: Detergents are >60% BOD at 28 days
- Bioaccumulation: No data available
- Mobility: This product is soluble in water and may spread in water systems.

SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal of Wastes: All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
- Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.
- RCRA: Not applicable

SECTION 14. TRANSPORT INFORMATION

United States DOT:

- Not Regulated

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

- Immediate (Acute) Health = Yes
- Delayed (Chronic) Health = No
- Fire Hazard = No
- Reactive Hazard = No

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: None known.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable

SECTION 16. OTHER INFORMATION

- Carefully read all instructions on label before handling this product.
- Keep out of reach of children.
- "FOR INDUSTRIAL USE ONLY"
- Legend:

Abbreviation	Full Name/Explanation
ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CNS	Central Nervous System
CFR	Code of Federal Regulations
DOT	Department of Transportation
EC	Effective Concentration
HMIS	Hazardous Material Information System
LC	Lethal Concentration
LD	Lethal Dose
NA	Not Applicable
ND	Not Determined
NE	Not Established
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation Recovery Act
SARA	Superfund Amendments and Reauthorization Act
STEL	Short-Term Exposure Limit
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED, REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.