

---

**MATERIAL SAFETY DATA SHEET**

---

MSDS  
May be used to comply with  
OSHA's Hazard Communication Standard  
29CFR 1910. 1200. Standards must be  
Consulted for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health Administration  
(Non Mandatory Form)  
Form Approved  
OMB No. 1218-0072

---

**IDENTITY:** **REGULATOR 3.0** **Emergency Telephone Number**  
**863-444-0801**

---

Manufacturer: Carbon Works, Inc.  
MSDS Preparation Date: 6/1/2016  
MSDS Revision Date: 6/15/2016

863-444-0801

Health Risk: None Known  
Flammability: Material will not ignite  
Reactivity: 0, Negative, does not react with Base, Acid, or Water

\*NFPA – Scale: 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant

---

**SECTION I – IDENTITY**

---

Synonyms & Trade Names (Family): **REGULATOR 3.0**

NPK Values: 0-0-0 Hazard Class: Non-Hazardous

Manufacturer: **Carbon Works, Inc**  
Address: **P.O. Box 2222**  
**Arcadia, FL 34265-2222**

---

**SECTION II – HAZARDOUS INGREDIENTS**

---

This material contains no Hazardous constituents:

---

**SECTION III – PHYSICAL & CHEMICAL CHARACTERISTICS**

Boiling Point: >212F  
Specific Gravity: (H2O=1) 1.0546  
Solubility: Soluble in water (100% miscible)  
Appearance: Liquid  
Color: Clear  
Odor: Odorless Liquid

---

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

Flash Point: (Method Used) >212F  
NFPA Flammability Rating: High Inorganic material – material will not burn.  
OSHA Flammability Class: N/A  
Extinguishing Media: Material will not ignite.  
Special Fire Fighting Procedures: No specific firefighting procedures needed.  
Evacuation Procedures: No specific evacuation procedure noted, but evacuation of personnel may still be required in an emergency situation.  
NIOSH Respirator Recommendation: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.  
Unusual Fire and Explosion Hazards: High inorganic content – material will not ignite nor burn or explode.

---

**SECTION V – REACTIVITY DATA AND PHYSICAL HAZARDS**

|  |   |
|--|---|
| Stability:                             | Stable.                                   |
| Conditions to Avoid:                   | N/A                                       |
| Reactivity Index:                      | Non-Reactive to water, acid, and bases    |
| Hazardous Decomposition or Byproducts: | No known hazardous decomposition products |
| Hazardous Polymerization:              | Will not polymerize.                      |
| Conditions to Avoid:                   | None                                      |
| Water Reactive:                        | No  |
| Air Reactive:                          | No  |
| Incompatible Specific Chemicals:       | Avoid contact with strong oxidizers       |
| Incompatible Classes of Chemicals: ?   |   |

---

**SECTION VI – HEALTH HAZARD INFORMATION**

|  |  |
|--|--|
| Routes of Entry:                                     | Skin absorption; ingestion - In case of eye or skin contact Flush with water.<br>In case of ingestion, contact poison control, induce vomiting by taking ipecac or large volumes of water. |
| Target organs:                                       | No specific target organs.   |
| Toxicological Information:                           |  |
| Health Warnings:                                     | This chemical may cause skin irritation. Avoid prolonged exposure.   |
| Acute and Chronic Health Hazards:                    | No specific acute or chronic health impact noted.  |
| Signs and Symptoms of Exposure:                      | No specific symptoms. If allergic, could show symptoms of watery eyes and skin irritation.   |
| Medical Conditions Generally Aggravated by Exposure: | None. Avoid prolonged exposure.  |
| Emergency & First Aid Procedures:                    | In case of skin or eye contact, flush with water. Contact physician.<br>In case of ingestion, contact poison control center, induce vomiting by taking ipecac or large volumes of water.   |

---

**SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE**

|  |   |
|--|---|
| Steps to be taken in case material is released or spilled: | Stop leak if possible. Confine the spill.<br>Try to reclaim the material, use general absorbent material to absorb and flush the area with water if needed. Prevent release of material in waters of the state or entrance into storm sewers. |
| Waste Disposal:  | Recover and reclaim, or recycle the material. Can be land applied or placed in a MSW registered landfill or used as a soil amendment. Follow all federal, state, and local regulations.   |
| Precautions to be taken in handling and storing:           | None. Low pH may react with metal storage containers.<br>Check corrosivity before use.  |
| Other precautions:   | No special precautions.   |

---

**SECTION V111 – PROTECTION AND CONTROL MEASURES**

|   |  |
|---|--|
| Respiratory Protection:                 | No special respiratory needed.   |
| Protective Gloves:                      | Wear chemical safety gloves for prolonged or repeated skin contact,      |
| Eye Protection:                         | Wear chemical safety goggles where eye exposure is reasonably probable.  |
| Other Protective Clothing or Equipment: | Wear appropriate clothing to prevent repeated or prolonged skin contact. |
| Hygienic Work Practices:                | Normal work/hygienic practices. Wash hands before eating or drinking.    |
| Ventilation Requirements:               | General.   |

---