

# SAFETY DATA SHEET

Date Issued : 06/08/2018  
SDS No : Bortek\_Spectrum RTU

## Spectrum RTU All-Purpose Spray Cleaner

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Spectrum RTU All-Purpose Spray Cleaner  
**GENERAL USE:** Ready to use all purpose cleaner  
**PRODUCT DESCRIPTION:** All Purpose Spray Cleaner  
**CHEMICAL FAMILY:** Solvent/detergent blend

#### DISTRIBUTOR

Bortek Industries, Inc.  
4713 Gettysburg Road  
Mechanicsburg, PA 17055  
**Customer Service:** 7177377162

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEM-TEL (Medical and Transportation):** 800-255-3924  
**POISON CONTROL CENTER (Medical):** 800-222-1222

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Skin Irritation, Category 3  
Eye Irritation, Category 2B

#### GHS LABEL

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H320: Causes eye irritation.  
H316: Causes mild skin irritation.  
H303: May be harmful if swallowed.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P264: Wash hands thoroughly after handling.  
P234: Keep only in original packaging.

##### Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P310: Immediately call a POISON CENTER or doctor/physician.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P362: Take off contaminated clothing.

##### Storage:

P405: Store locked up.

##### Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Green liquid

**IMMEDIATE CONCERNS:** Moderate eye irritant.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Contact causes eye irritation.

**SKIN:** May be mildly irritating with prolonged or repeated contact.

**SKIN ABSORPTION:** No known significant effects or critical hazards.

**INGESTION:** Harmful if swallowed.

#### REPRODUCTIVE TOXICITY

**TERATOGENIC EFFECTS:** No known significant effects or critical hazards.

**CARCINOGENICITY:** No known significant effects or critical hazards.

**MUTAGENICITY:** No known significant effects or critical hazards.

**ROUTES OF ENTRY:** Eye, skin, ingestion.

**WARNING CAUTION LABELS:** Irritant

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Monoethanolamine	0 - 1	141-43-5
Secondary Alcohol Ethoxylate	0 - 1	84133-50-6
Dipropylene Glycol n-Butyl Ether	1 - 5	29911-28-2
Dye	< 0.1	N/A
Fragrance	< 1	N/A
Water	95 - 98	7732-18-5

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

**SKIN:** Remove contaminated clothing. Immediately flush with water followed by washing with mild soap. Seek medical attention.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Burning sensation with tears, redness.

**SKIN:** Redness and itching sensation.

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

**ACUTE EFFECTS:** Irritating to eyes, mild skin irritation.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** None

**EXTINGUISHING MEDIA:** Not required.

**EXPLOSION HAZARDS:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** Decomposition products may include: Carbon dioxide, Carbon monoxide, nitrogen oxides.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil.

**AIR SPILL:** NA = Not Applicable

**GENERAL PROCEDURES:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

**RELEASE NOTES:** Not Established

**SPECIAL PROTECTIVE EQUIPMENT:** Eye protection, rubber gloves, rubber boots to protect feet.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**STORAGE:** Store in closed container in an area inaccessible to children.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

**STORAGE PRESSURE:** Store at ambient atmospheric pressure.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type	ppm	mg/m <sup>3</sup>	
Monoethanolamine	OSHA PEL	TWA	3	6
		ACGIH TLV	TWA	3
	Supplier OEL	STEL	6	15
		TWA	NL	NL
		STEL	NL	NL
		TWA	NL	NL

**PERSONAL PROTECTIVE EQUIPMENT****EYES AND FACE:** Safety glasses with side shields.**SKIN:** Rubber or other chemical resistant gloves.**RESPIRATORY:** Where danger of mist contact may occur, wear NIOSH approved respiratory protection for mists.**WORK HYGIENIC PRACTICES:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.**9. PHYSICAL AND CHEMICAL PROPERTIES****PHYSICAL STATE:** Liquid**ODOR:** Citrus**ODOR THRESHOLD:** Not Established**COLOR:** Green**pH:** 11.0 to 12.0**PERCENT VOLATILE:** >98**FLASH POINT AND METHOD:** None**FLAMMABLE LIMITS:** N/A**AUTOIGNITION TEMPERATURE:** NA = Not Applicable**VAPOR PRESSURE:** ~ 20 mm Hg at (68°F)**VAPOR DENSITY:** ~ 1 Air = 1**BOILING POINT:** 212° F; 100° C**FREEZING POINT:** 32° F; 0° C**SOLUBILITY IN WATER:** Complete**EVAPORATION RATE:** (Water =1) 1.0**DENSITY:** 8.34 at 20°C (68°F)**SPECIFIC GRAVITY:** 1 grams/ml. at 20°C (68°F)**VISCOSITY:** Water thin.**(VOC):** < 0.5 % by weight**10. STABILITY AND REACTIVITY****REACTIVITY:** None**HAZARDOUS POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** Not Established**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.**INCOMPATIBLE MATERIALS:** Strong acids, oxidizers.**11. TOXICOLOGICAL INFORMATION****ACUTE TOXICITY**

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Monoethanolamine	1089 mg/kg (rat)	2504 mg/kg (rabbit)	~ 1.48 mg/l
Secondary Alcohol Ethoxylate	> 412 mg/kg (rat)	> 14000 mg/kg (rabbit)	1.06 mg/l (Rat), Aerosol
Dipropylene Glycol n-Butyl Ether	3700 to 4400 mg/kg (rat)	> 2000 mg/kg (rabbit)	

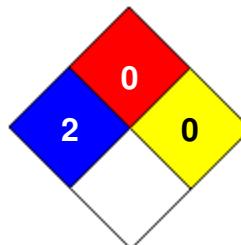
**DERMAL LD<sub>50</sub>:** > 2000 Not Established**ORAL LD<sub>50</sub>:** > 5000 Not Established**INHALATION LC<sub>50</sub>:** Not Established**SKIN CORROSION/IRRITATION:** NA = Not Applicable**GERM CELL MUTAGENICITY:** No known significant effects or critical hazards.

**CARCINOGENICITY****IARC:** No listed substance**REPRODUCTIVE TOXICITY:** No known significant effects or critical hazards.**STOT-SINGLE EXPOSURE:** No known significant effects or critical hazards.**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** Not Established**ECOTOXICOLOGICAL INFORMATION:** This material may be toxic to aquatic life.**AQUATIC TOXICITY (ACUTE):** Not Established**CHEMICAL FATE INFORMATION:** This product is biodegradable.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Not regulated.**PLACARDS:** None**LABEL:** None**U.S. CUSTOMS HARMONIZATION NUMBER:** 3402.90.10.00**AIR (ICAO/IATA)****SHIPPING NAME:** Not regulated.**VESSEL (IMO/IMDG)****SHIPPING NAME:** Not regulated.**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Health - Acute**313 REPORTABLE INGREDIENTS:** No listed substance**302/304 EMERGENCY PLANNING****EMERGENCY PLAN:** No listed substance**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.**STATES WITH SPECIAL REQUIREMENTS**

Chemical Name	Requirements
Monoethanolamine	Massachusetts Right to Know Substance New Jersey Right To Know Substance New York Right to Know Substance Pennsylvania Right to Know Substance

**CALIFORNIA PROPOSITION 65:** No listed substance**CARCINOGEN:** No listed substance**16. OTHER INFORMATION****Date Prepared:** 06/08/2018**HMIS RATING**

<b>HEALTH</b>	<input type="text" value="2"/>
<b>FLAMMABILITY</b>	<input type="text" value="0"/>
<b>PHYSICAL HAZARD</b>	<input type="text" value="0"/>
<b>PERSONAL PROTECTION</b>	<input type="text" value="B"/>

**NFPA CODES****ADDITIONAL SDS INFORMATION:** Rev1.0.0**MANUFACTURER DISCLAIMER:** This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in

combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.