

## SAFETY DATA SHEET



Date Issued : 10/16/2013

SDS No : 715C

Date Revised : 1/10/2014

Revision No : 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**GENERAL USE:** Colorful flames when added to wood fire**PRODUCT CODE:** 715C**MANUFACTURER**

Rutland Products  
7 Crabtree Rd.  
Jacksonville, IL 62650

**Alternate Emergency Phone:** 217-245-7810**Customer Service:** 800-544-1307**E-Mail:** sales@rutland.com**24 HR. EMERGENCY TELEPHONE NUMBERS****Poison Control Center (Medical) :** (877) 800-5553**CHEMTREC (US Transportation) :** (800) 424-9300

## 2. HAZARDS IDENTIFICATION

**GHS LABEL**

Exclamation  
mark

**SIGNAL WORD:** WARNING**HAZARD STATEMENTS**

H320: Causes eye irritation.

H315: Causes skin irritation.

H333: May be harmful if inhaled.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Vol. %	CAS
Copper Sulfate Pentahydrate	---	7758-99-8
Ammonium Chloride	---	12125-02-9
Bentonite Clay	---	1302-78-9
Corn Cobs	---	

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INHALATION:** If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Irritation

**SKIN:** Irritation, rash.

**INHALATION:** Irritation of nose, throat and upper respiratory tract.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** NA = Not Applicable

**EXPLOSION HAZARDS:** NA = Not Applicable

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** With shovel or scoop, place material into appropriate container.

**7. HANDLING AND STORAGE**

**HANDLING:** Use with adequate ventilation. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Keep away from food and drinking water.

**STORAGE:** Keep in a cool, well ventilated place

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)						
			EXPOSURE LIMITS			
			ACGIH TLV		Supplier OEL	
Chemical Name			ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ammonium Chloride			TWA	10	NL	NL
			STEL	20	NL	NL

**ENGINEERING CONTROLS:** A system of local and/or general exhaust is recommended to keep employee exposures as low as possible.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Wear safety glasses with side shields. Chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent) are recommended.

**SKIN:** Wear protective clothing, including long sleeves and gloves, to prevent skin contact. Thoroughly wash clothing before reuse.

**RESPIRATORY:** In case of insufficient ventilation, wear suitable respiratory equipment.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Granular solids

**COLOR:** Mixed

**FLAMMABLE LIMITS:** 0 to 0

**SOLUBILITY IN WATER:** Soluble

**10. STABILITY AND REACTIVITY****STABLE:** Yes**POSSIBILITY OF HAZARDOUS REACTIONS:** Sulfur and copper oxides**INCOMPATIBLE MATERIALS:** Strong bases**11. TOXICOLOGICAL INFORMATION****EYE EFFECTS:** Acute eye irritant**SKIN EFFECTS:** Skin irritant**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** May be harmful to the environment if allowed to directly enter water intakes. Clean up spills immediately. Notify proper authorities according to local, state and federal regulations.**ECOTOXICOLOGICAL INFORMATION:** May cause long-term adverse effects in the aquatic environment**BIOACCUMULATION/ACCUMULATION:** Not Available**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Dispose of this product in accordance with all applicable local, state and federal regulations.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****OTHER SHIPPING INFORMATION:** Not Regulated**ROAD AND RAIL (ADR/RID):** Not regulated**AIR (ICAO/IATA):** Not regulated**VESSEL (IMO/IMDG):** Not regulated**15. REGULATORY INFORMATION****UNITED STATES****CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

Chemical Name	Vol. %	CERCLA RQ
Ammonium Chloride	---	5,000

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Ammonium Chloride	12125-02-9
Bentonite Clay	1302-78-9

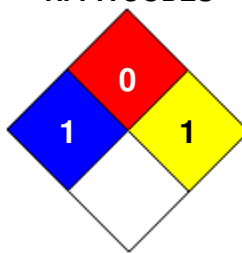
**16. OTHER INFORMATION**

**PREPARED BY:** Chad Stewart

**REVISION SUMMARY:** This SDS replaces the 10/16/2013 SDS.

**HMIS RATING**

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

**NFPA CODES**

**MANUFACTURER DISCLAIMER:** The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.