

# SAFETY DATA SHEET

## GHS FORMAT

# IKONICS®

Date issued : 12/06/2022  
SDS number : 1014  
Date revised : 12/13/2022  
Revision number : 1

### CHROMA FILL RED

#### 1. Identification

**Product identifier:** CHROMA FILL RED

**Product description:** Blockout

**Manufacturer / Supplier**

IKONICS

4832 Grand Ave.

Duluth, MN 55807

**Alternate Emergency Phone:** 800-328-4261

**Customer Service:** 218-628-2217

**E-Mail:** sds@ikonics.com

**Web:** www.ikonics.com

**Emergency telephone number (24 hour)**

CHEMTREC + 1 800-424-9300

#### 2. Hazard identification

**Classification of the substance or mixture**

**Physical hazards:**

Flammable Liquids, Category 3

**Label elements**



Flame

**Signal word:** WARNING

**Hazard statement(s)**

H226: Flammable liquid and vapour.

**Precautionary statement(s)**

**Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P242: Use non-sparking tools.

P243: Take action to prevent static discharges.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P370+P378: In case of fire: Use water spray, alcohol resistant foam, dry chemical or carbon dioxide to extinguish.

**Storage:**

P403+P235: Store in a well-ventilated place. Keep cool.

**Disposal:**

P501: Dispose of contents/container in accordance to federal/state/local regulations.

#### 3. Composition/information on ingredients

Chemical name	% w/w	CAS No.	Classification according to Regulation (EC) No 1272/2008 [CLP]
2-propanol	8 - 15	67-63-0	Not classified
Polyvinyl alcohol	5 - 20	25213-24-5	Not classified

**Comments:** Non-hazardous components are present in product below reportable levels

#### 4. First-aid measures

**Eye:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin:** Wash off with soap and plenty of water. Consult a physician.

**Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### 5. Fire-fighting measures

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Hazardous combustion products:** Not Available

**Fire fighting equipment:** Wear self contained breathing apparatus for fire fighting if necessary.

**Hazardous decomposition products:** Not Available

#### 6. Accidental release measures

**Small spill:** Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

**Large spill:** Contain spilled material. Absorb with inert material (e.g., clay, dry sand or earth) and transfer to secure containers. Flush area with water to minimize residue. Dispose of in accordance with all current local, state, and federal regulations.

#### 7. Handling and storage

**Precautions for safe handling:** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

**Conditions for safe storage:** Keep only in original container. Keep container closed. Store containers in a cool, well-ventilated place. Avoid contact with eyes, skin, and clothing. Avoid breathing mist. Wash thoroughly after handling.

**Shelf life:** 24 months

#### 8. Exposure controls/personal protection

##### Exposure controls

Control parameters				
Chemical name	Occupational exposure limit values			
	Type		ppm	mg/m <sup>3</sup>
2-propanol	OSHA PEL	TWA	400	980
		STEL	400	960
	ACGIH TLV	TWA	200	490
		STEL	400	960
		Supplier OEL	TWA	NL
		STEL	NL	NL

**Appropriate engineering controls:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

##### Individual protection measures, such as personal protective equipment

**Eye / face protection:** Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US).

**Skin protection - hand protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal

technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Respiratory protection:** Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US).

**Skin protection - other:** Apron recommended.

**Occupational hygiene practices:** Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when handling this material: (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics areas with this material stored. (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the restrooms. (3) Wash exposed skin promptly to remove accidental splashes of contact with this material.

## 9. Physical and chemical properties

Chemical name	Flash Point (°C)	Boiling Point (°C)	Solubility in Water	Specific Gravity
2-propanol	12	82	Miscible	0.79

**Physical state:** Viscous liquid

**Color:** Red

**Odor:** Alcohol

**pH:** 5 to 6

**Freezing point:** Not Available

**Initial boiling point and boiling range:** Not Available

**Flash point:** 41°C (105.8°F)

**Evaporation rate (n-butyl acetate = 1):** Not Available

**Lower explosion limit / flammability limit:** 2.0 vol %

**Upper explosion limit / flammability limit:** 12.7 @ 93.3C

**Vapor pressure:** Not Available

**Relative vapor density:** Not Available

**Relative density:** 1.015

**Solubility:** Miscible

**Auto-ignition temperature:** 399°C (750.2°F)

**Decomposition temperature:** Not Available

**Dynamic viscosity:** 45 to 60 Poise at 25°C (77°F) Brookfield Viscometer, 10rpm

**Pour point:** Not Available

**Percent volatiles:** 85

**VOC content:** 1 g/L

## 10. Stability and reactivity

**Reactivity:** Yes

**Chemical stability:** Stable under normal temperatures and pressures.

**Conditions to avoid:** Heat, flames and sparks. Extremes of temperature and direct sunlight.

**Hazardous decomposition products:** Not Available

**Incompatible materials:** Not Available

## 11. Toxicological information

**Acute toxicity**

Chemical name	LD <sub>50</sub> (oral) mg/kg(rat)	LD <sub>50</sub> (dermal) mg/kg(rabbit)	LC <sub>50</sub> (inhalation) mg/l
2-propanol	4396 mg/kg [Rat]	12800 mg/kg [Rat]	72.6 mg/L [Rat] 4 h
Polyvinyl alcohol	> 5000 mg/kg [Rat]		> 20 mg/L [rat] 1 h

**Acute dermal toxicity LD<sub>50</sub>:** Not yet Determined

**Acute oral toxicity LD<sub>50</sub>:** Not yet Determined

**Acute inhalation toxicity LC<sub>50</sub>:** Not yet Determined

#### Carcinogenicity

Chemical name	NTP	IARC	OSHA
2-propanol		3	
Polyvinyl alcohol	Not Listed	Not Listed	Not Listed

**IARC:** 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Propanol)

**NTP:** Not Listed

**OSHA:** Not Listed

#### 12. Ecological information

**Environmental data:** No data are available on the adverse effects of this material on the environment.

#### 13. Disposal considerations

**Disposal methods:** Dispose of in accordance with all current local, state and federal regulations.

#### 14. Transport information

##### USA Department of Transport Regulations (DOT)

**UN proper shipping name:** Combustible liquids, n.o.s. ( Isopropyl Alcohol, solution)

**UN number:** UN1993

**Transport hazard class(es):** 3

**Packing group, if applicable:** III

**NAERG:** 128

#### 15. Regulatory information

##### UNITED STATES

##### Dot label symbol and hazard classification



Combustible  
Liquid

##### SARA Section 311/312 Hazard Categories

**311/312 Health hazards:** FIRE HAZARD

##### EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS No.
2-propanol	8 - 15	67-63-0
Polyvinyl alcohol	5 - 20	25213-24-5

##### EPCRA Section 302 Extremely Hazardous Substances

**EPCRA Status:** None

## CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w
Polyvinyl alcohol	5 - 20

## TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
2-propanol	67-63-0
Polyvinyl alcohol	25213-24-5

## Regulations

**State regulations:** CAS # 67-63-0 CA Hazardous Substance, Idaho Air Pollutant, Maine Hazardous Air Pollutant, Massachusetts Hazardous Substance, Minnesota Hazardous Substance, New Jersey RTK Hazardous Substance, Pennsylvania Hazardous Substance, Washington PELs for Air Contaminants

**California Proposition 65:** None

## CANADA

## WHMIS Hazard Symbol and Classification



Combustible  
Liquid

**WHMIS Regulatory Status:** Controlled Product

**WHMIS Classification:** B3

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):** All components of this product are listed on the Domestic Substances List.

## 16. Other information

**Approved by:** Troy Bergstedt    **Title:** Director of Chemical Research

**Prepared by:** Troy Bergstedt    **Date revised:** 12/13/2022

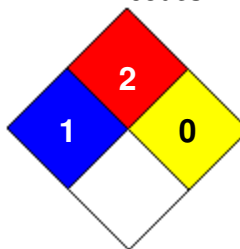
**Information contact:** Troy Bergstedt

**Revision summary:** This SDS replaces the 12/06/2022 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

## HMIS rating

Health	1
Flammability	2
Physical hazard	0
Personal protection	B

## NFPA codes



**Manufacturer disclaimer:** The information contained in the present sheet is based on our knowledge, on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.