

# SAFETY DATA SHEET

## GHS FORMAT

# IKONICS®

Date issued : 11/29/2022  
 SDS number : 654  
 Date revised : 12/13/2022  
 Revision number : 1

## CHROMA SCREEN WASH

### 1. Identification

**Product identifier:** CHROMA SCREEN WASH

**Product description:** Ink Remover

**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**

**Health hazards:**

Serious Eye Damage, Category 1

Skin Irritation, Category 2

Acute Toxicity (Oral), Category 4

**Label elements**



Corrosion



Exclamation  
mark

**Signal word:** DANGER

**Hazard statement(s)**

H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

**Precautionary statement(s)**

**Prevention:**

P264: Wash skin thoroughly after handling.

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

P270: Do not eat, drink or smoke when using this product.

**Response:**

P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.

P302+P352: IF ON SKIN: Wash with plenty of water/...

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor/...

P330: Rinse mouth.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

**Disposal:**

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

**Emergency overview**

**Physical appearance:** Liquid

**3. Composition/information on ingredients**

Chemical name	% w/w	CAS No.	Classification according to Regulation (EC) No 1272/2008 [CLP]
Butyldiglycol	30 - 50	112-34-5	Not classified
Dimethyl glutarate	20 - 40	1119-40-0	Not classified
Dimethyl adipate	0.1 - 10	627-93-0	Not classified
Dimethyl succinate	0.1 - 10	106-65-0	Not classified

**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:** Carbon oxides

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

**Comments:** Use water spray to cool unopened containers.

**6. Accidental release measures**

**Small spill:** Wear suitable protective equipment. Contain spillage, soak up with non-combustible absorbent material such as sand, earth, vermiculite and transfer to a container for disposal according to local/state/federal regulations.

**Large spill:** Wear suitable protective equipment. Contain spillage, soak up with non-combustible absorbent material and transfer to a container for disposal according to local/state/federal regulations. Flush spill area with water.

**General procedures:** Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

**7. Handling and storage**

**Precautions for safe handling:** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition.

**Conditions for safe storage:** Keep container tightly closed.

**Shelf life:** 36 months

**8. Exposure controls/personal protection****Exposure controls**

Chemical name	Control parameters		
	Occupational exposure limit values		
	Type	ppm	mg/m <sup>3</sup>
Butyldiglycol	ACGIH TLV	TWA	10

**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

**Physical state:** Liquid

**Color:** Colorless

**Odor:** Vanilla

**pH:** Not Available

**Melting point:** Not Available

**Initial boiling point and boiling range:** 196°C (384.8°F)

**Flash point:** 93.9°C (201°F) (Lowest flashing component)

**Evaporation rate (n-butyl acetate = 1):** < 1

**Lower explosion limit / flammability limit:** 0.9%

**Upper explosion limit / flammability limit:** 24.6%

**Vapor pressure:** 0.75 mm Hg at 20°C

**Relative vapor density:** > 1

**Relative density:** 1.003

**Solubility:** Emulsifiable

**Auto-ignition temperature:** Not Available

**Decomposition temperature:** Not Available

**Viscosity:** Not Available

**Oxidizing properties:** Not Available

**VOC content:** 80 %

## 10. Stability and reactivity

**Reactivity:** Yes

**Chemical stability:** Stable under recommended storage conditions.

**Hazardous decomposition products:** None under normal conditions.

**Incompatible materials:** Strong oxidizers and strong acids

## 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
Butyldiglycol	~ 7291 mg/kg [Rat]	2764 mg/kg [Rabbit]	
Dimethyl adipate	> 5000 mg/kg [Rat]	> 1000 mg/kg [Rabbit]	
Dimethyl succinate	6892 mg/kg [Rat]	> 5000 mg/kg [Rabbit]	> 2000 mg/L [Rat] 4 h

**Respiratory or skin sensitization:** None Expected.

#### Carcinogenicity

Chemical name	NTP	IARC	OSHA
Dimethyl adipate	Not Listed	Not Listed	Not Listed
Dimethyl succinate	Not Listed	Not Listed	Not Listed

**IARC:** Not Listed

**NTP:** Not Listed

**OSHA:** Not Listed

**Reproductive toxicity:** None Expected.

#### 12. Ecological information

**Environmental data:** No specific data are available for this product. Handle it according to good working practices.

#### 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:** Not regulated

##### ICAO / IATA - air

**UN proper shipping name:** Not regulated

##### IMO / IMDG - International

**UN proper shipping name:** Not regulated

#### 15. Regulatory information

##### UNITED STATES

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

**311/312 Health hazards:** ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD,

**313 reportable ingredients:** None

##### EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS No.
Butyldiglycol	30 - 50	112-34-5

##### EPCRA Section 302 Extremely Hazardous Substances

**EPCRA Status:** None

##### CERCLA Hazardous Substances and Reportable Quantities (RQ)

**CERCLA regulatory:** Not Listed

##### TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.	TSCA section
Butyldiglycol	112-34-5	12b,

**TSCA regulatory:** All components of this product are listed, or are exempt from listing on the TSCA 8(b) inventory.

**CAA 112(b) Hazardous Air Pollutants****CAA 112(r) List of Substances for Accidental Release Prevention:** Not regulated**Regulations**

**State regulations:** CAS # 106-65-0 Pennsylvania Right-To-Know Act, New Jersey Right to Know Act, CAS # 627-93-0 New Jersey RTK Hazardous Substance, Pennsylvania Hazardous Substance, CAS # 11 19-40-0 New Jersey RTK Hazardous Substance, Pennsylvania Hazardous Substance, CAS # 112-34-5 New Jersey RTK Hazardous Substance, Pennsylvania Hazardous Substance

**California Proposition 65:** None**CANADA****WHMIS Hazard Symbol and Classification**

Toxic

**WHMIS Regulatory Status:** Controlled Product**WHMIS Classification:** D

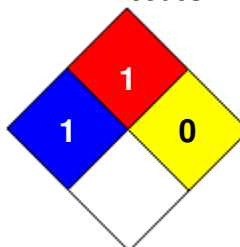
**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):** All components of this product are listed on the Domestic Substances List.

**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 11/29/2022 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

**HMIS rating**

<b>Health</b>		<b>1</b>
<b>Flammability</b>		<b>1</b>
<b>Physical hazard</b>		<b>0</b>
<b>Personal protection</b>		<b>B</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.