

## MATERIAL SAFETY DATA SHEET

Last Modification: 06/09/2017

### I. GENERAL INFORMATION

**Manufactured by:** **SURQUIMICA S.A.**  
Calle 38, contiguo al cementerio La Uruca  
San José, Costa Rica, Centro América

Tel Inf: (506) 2211-3800  
Fax: (506) 2257-2028

**Emergency telephone:** **CHEMTREC: 1-800-424-9300 (USA)**  
**703-527-3887**

**SURQUIMICA S.A.: (506) 2211-3911**

**Product name: INKKER BSI-UV 100/101/102/103/190**

**Product code: 525-27100/101/102/103/190**

### II. HAZARDOUS COMPONENTS

<u>Chemical Name</u>	<u>No CAS</u>	<u>% W/W</u>	<u>TLV / ppm</u>
Diacrilato de hexametileno	13048-33-4	15-20	N.D.
2-hidroxi-2-metilpropifenona	7473-98-5	10-15	N.D.
Alcohol isopropílico	67-63-0	1-5	400

### III. HEALTH HAZARD

**General overview:** May cause skin and eye irritation in susceptible persons. No hazards which require special first aid measures.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Skin contact:** Not expected to cause skin problems under normal use conditions. May cause skin irritation in susceptible persons.

**Inhalation:** this product does not present an inhalation hazard.

**Eye contact:** Not expected to cause eye problems under normal use conditions. Direct eye contact may cause irritation.

**Primary routes of entry:** Skin Contact, Ingestion, Eye Contact

#### IV. FIRST AID PROCEDURES

**Ingestion:** Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water 8-10 oz (250-300 mL).

**Inhalation:** Move to fresh air. In case of shortness of breath, give oxygen. Consult a physician.

**Skin contact:** Wash off immediately with soap and plenty of water.

**Eye contact:** If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.

#### V. FIRE AND EXPLOSION HAZARD DATA

**Flash point (°C):** No flammable **Method:** N.A.

**Flammability limits % (V):** LIE: N.D.; LSE: N.D.

**Extinguishing media:** Carbon Dioxide, Dry Chemical, Water Fog

**Fire and explosion hazards:** No special precautions required. No special protective measures against fire required. Product resists ignition and does not promote flame spread.

**Firefighting procedures:** In the event of fire, wear self-contained breathing apparatus. In the event of fire, cool tanks with water spray.

**Hazardous combustion products:** Carbon Monoxide and Dioxide

#### VI. SPILL OR LEAK PROCEDURES

**Steps if spilled:** Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container.

**Waste disposal:** Do not empty into drains. If recycling is not practicable, dispose of in compliance with the Environmental Protection (Duty of Care) Regulations 1991.

#### VII. HANDLING AND STORAGE

**Handling instructions:** Keep out of reach of children. No special handling advice required. Handle in accordance with good industrial hygiene and safety practice. Do not let product enter drains.

**Storage:** Keep in a dry place. Keep containers tightly closed.

#### VIII. PROTECTION INFORMATION

**Ventilation:** Provide adequate ventilation.

**Respiratory protection:** No personal respiratory protective equipment normally required.

**Skin protection:** PVC disposable gloves.

**Eye protection:** Safety glasses with side-shields.

**Other protective equipment:** Safety shower and eyewash station should be located in immediate work area.

## IX. PHYSICAL AND CHEMICAL DATA

<b>Color:</b> Colorless	<b>Density, lower value according to color, (g/mL):</b> 1.06
<b>Form/Appearance:</b> Viscous liquid	<b>Density, higher value according to color, (g/mL):</b> 1.08
<b>Odor:</b> Characteristic	<b>pH:</b> 3.5 – 6.5
<b>% Volatile (p/p):</b> N.D.	<b>Flash point ( ° C ):</b> No flammable
<b>Vapor density (air = 1.0):</b> > 1.0	<b>V.O.C. (g/L):</b> N.A.
<b>Solubility in water:</b> Not Soluble	

## X. ESTABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Hazardous polymerization:** No

**Incompatibility:** Avoid oxidizing agents, acids and strong bases.

**Decomposition products:** Thermal decomposition can lead to release of irritating gases and vapors.

## XI. TOXICOLOGICAL INFORMATION

<u>Chemical Name</u>	<u>No CAS</u>	<u>Oral DL50</u>
Diacrilato de hexametileno	13048-33-4	5000 mg/Kg
2-hidroxi-2-metilpropifenona	7473-98-5	1694 mg/kg
alcohol isopropílico	67-63-0	5045 mg/kg

DL50(mix) = > 5000 mg/kg

## XII. ECOLOGICAL INFORMATION

Studies eco-toxicologic do not exist. Having no information about how to act in ecology, it is recommended to avoid the entry into any waterbody, like rivers, lakes, lagoons, sewers and underground natural waters. Ecological injuries are not known or expected under normal use.

## XIII. DISPOSAL PRODUCT

**Disposal:** Do not empty into drains. If recycling is not practicable, dispose of in compliance with the regional/local/national/international regulations.

## XIV. TRANSPORTATION INFORMATION

**IATA/IMDG:**

**Shipping name:** Not regulated

**UN number:** Not regulated

**Class:** Not regulated

**Packing group:** Not regulated

Not classified as dangerous in the meaning of sea and air transport regulations.

## XV. REGULATORY INFORMATION

**National regulation:**

No Information.

**Other regulations:**

No Information.

## XVI. OTHER INFORMATION

**This MSDS include the following products, (Identified by code):** 27100910, 27101900, 27102910, 27103910, 27190910.

**Hazardous Material Information System: HMIS**

<b>Health:</b>	<b>1 - minimal</b>
<b>Fire:</b>	<b>0 - Not Flammable</b>
<b>Reactivity:</b>	<b>0 - no hazard</b>
<b>Personal Protection:</b>	<b>B</b>

**National Fire Protection Association: NFPA**

<b>Health:</b>	<b>1 - minimal</b>
<b>Fire:</b>	<b>0 - Not Flammable</b>
<b>Reactivity:</b>	<b>0 - no hazard</b>
<b>Special:</b>	<b>__Snfpa__</b>

The degrees of HMIS and NFPA imply the interpretation of the data that can vary from company to company, their objective it is to allow a quick and general identification of the magnitude of the danger specific. In order to manage this material in sure form it should be kept in mind the entirety of the information contained in this MSDS.

Note: The destinary should send this MSDS to any transporter or eventual user of out product. The information offered in this sheet is based on data supplied by our providers and is determinate in our plant. Although we think that we are reliable, this product is sold to be used with a defined propose. SURQUIMICA S.A. does not assume any responsibility for the damage that this product can cause to any buyer or third person.