Kraftkolour Pty Ltd
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# Safety Data Sheet

## NON-Hazardous Substance, NON-Dangerous Goods

## 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

**Product Name:** **CLEAR GUTTA**

**Other Names:** **Water Based Clear Gutta**

**Recommended Use:** Line Resist for Silk Painting

**Supplier:**

**Company:** Kraftkolour Pty. Ltd.

**Street Address:** 2, 99 Heyington Ave
**Thomastown Vic 3074**

**Telephone:** +61 (0)3 9465 4865

**Facsimile:** -

**E-mail:** info@kraftkolour.com.au

**Emergency Numbers:** **13 11 26 POINSON INFORMATION CENTRE**

## 2. HAZARDS IDENTIFICATION

**NON-HAZARDOUS CHEMICAL / NON-DANGEROUS GOODS**
**according to criteria of Safe Work Australia / ADG Code**

**GHS**

- **CLASSIFICATION**

**Hazard Class/Category:** None allocated.

- **LABEL ELEMENTS**

**Symbols:** None allocated.

**Signal Word:** None allocated.

**Hazard Statements:** None allocated.

**Precautionary Statements:**

Prevention – None allocated.

Response – None allocated.

Storage – None allocated.

Disposal – None allocated.

- **OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION:**

No other data available.

**HSNO**

**Subclass / Category:** None allocated.

**ADG / LTR-DG**

**Class:** None allocated.
**Subsidiary Risk 1:** None allocated.
**Packing Group:** None allocated.
**IERG:** None allocated.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterisation: water-based Gutta resist for silk.

| Chemical Identity of Ingredients | CAS No. | Proportion |
|---|---|---|
| • Water | 7732-18-5 | VHIGH |
| • Resin | 9002-89-5 | < 35% |
| • Additives (dispersant, bacteriacide) | | < 0.05% |

Proportion (% weight per weight): VHIGH >60, HIGH 30–60, MED 10–<30, LOW 1–9, VLOW <1

## 4. FIRST AID MEASURES

- **DESCRIPTION OF NECESSARY MEASURES ACCORDING TO ROUTES OF EXPOSURE**

**Scheduled Poisons**: Poison Information Centres in each country (or state capitol city) can provide additional assistance. AUSTRALIA: 13 11 26. NEW ZEALAND: 0800 764 766.

**Inhalation:** If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air. Seek medical attention if effects persist.

**Skin Contact:** Remove all contaminated clothing immediately (launder before re-use). Thoroughly wash contaminated skin with plenty of water and soap, or other non-irritating cleansing agents.

**Eye Contact:** Contamination of the eyes must be treated by thorough irrigation with water for at least 15 minutes, with the eyelids held open. A doctor (or eye specialist) should be consulted if irritation develops.

**Ingestion:** Rinse mouth immediately and then drink plenty of water. Seek medical attention if you feel unwell.

**First Aid Facilities:** No specific requirements.

- **SYMPTOMS CAUSED BY EXPOSURE**

**Inhalation:** Breathing vapours/fumes may cause coughing and transient shortness of breath.
**Skin Contact:** May cause temporary itching and dryness of skin.
**Eye Contact:** May cause temporary discomfort and redness.
**Ingestion:** May cause gastro-intestinal discomfort, nausea, vomiting.

- **MEDICAL ATTENTION AND SPECIAL TREATMENT**

Treat symptomatically; no special treatment or antidote.

## 5. FIRE-FIGHTING MEASURES

- **SUITABLE EXTINGUISHING EQUIPMENT**

Water spray, Foam, Dry powder, $CO_2$.

- **SPECIFIC HAZARDS ARISING FROM THE CHEMICAL**

None known.

- **SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS**

Hazchem Code: None assigned.

Fire-fighters should wear protective boots, overalls, gloves and goggles. Use water jet to cool containers. Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations.

## 6. ACCIDENTAL RELEASE MEASURES

- **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Persons responding to accidental release or spills of this product are advised to wear PPE as given in Section 8.
CAUTION! Slippery when spilt. Prevent entry by non-essential personnel to area.

- **ENVIRONMENTAL PRECAUTIONS**

Do not allow product to enter drains or waterways. Advise authorities if such an event occurs.

- **METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

Contain the spill, using bunding if required. Cover/plug drains if necessary. For large spills, pump off if possible.
Place inert absorbent (sand, dirt or vermiculite) on the spilled product.
Transfer to suitable, labelled, sealable containers by mechanical means (eg: shovel).
Wash away residue with water. Do not flush into drains or waterways.
Dispose of collected product in accordance with instructions in section 13. Do not use sewer for disposal.

## 7. HANDLING AND STORAGE

- **PRECAUTIONS FOR SAFE HANDLING**

Wash hands after use and before eating, drinking, smoking or using toilet.
Remove contaminated clothing & protective equipment before entering eating areas. Observe the usual precautionary measures required for the safe handling of liquid chemicals.
Wear personal protective equipment as given in Section 8 of this SDS. Avoid contact with eyes and skin.

- **CONDITIONS FOR SAFE STORAGE**

Keep containers tighly closed and in a cool place. Protect from extremes of temperature.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **CONTROL PARAMETERS**

Avoid breathing vapours or aerosols.

- **Exposure Standards**

| Occupational Exposure Limits For This Chemical | TWA | | STEL | | BLV | Notices |
|---|---|---|---|---|---|---|
| | ppm | $mg/m^3$ | ppm | $mg/m^3$ | | |
| No exposure standards allocated. | X | X | X | X | X | X |

| Occupational Exposure Limits For Ingredients | TWA | | STEL | | BLV | Notices |
|---|---|---|---|---|---|---|
| | ppm | $mg/m^3$ | ppm | $mg/m^3$ | | |
| No exposure standards allocated. | X | X | X | X | X | X |

X = No data available

TWA – the Time Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL - (Short Term Exposure Limit) – the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal, eight-hour, working day. According to current knowledge, these concentrations should neither impair the health of, nor cause undue discomfort to nearly all workers.

BLV - Biological Limit Value.

'Sk' notice – Absorption through the skin may be a significant source of exposure.
The exposure standard is invalidated if such contact should occur.

These exposure standards are guides to be used in the control of occupational health hazards.
All atmospheric contamination should be kept to as low a level as is workable. Exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.
If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

- **BIOLOGICAL MONITORING**

No biological monitoring required.

- **ENGINEERING CONTROLS**

Maintain air concentration below occupational exposure standards, using engineering controls if necessary.
Good general ventilation should be sufficient to control airborne exposure.

Provide local exhaust ventilation if general ventilation is insufficient.

Engineering controls, such as provision of local exhaust ventilation or containment, should always be implemented before personal protective equipment is necessary.

- **PERSONAL PROTECTIVE EQUIPMENT**

**Eye /Face Protection:** Wear safety glasses with side shields or chemical goggles. Final choice of appropriate eye/face protection will vary according to individual circumstances.
Eye protection devices should conform to AS/NZS 1337 - Eye Protectors for Industrial Applications.
**Respiratory Protection:** None required under usual conditions of use.
Wear an approved respirator if engineering controls are not effective in controlling airborne exposure.

**Gloves:** Wear chemical resistant gloves; recommend nitrile rubber gloves. Check suitability with glove manufacturer. If necessary, test gloves before use.

**Clothing:** Wear suitable protective clothing such as overalls closed at neck and wrists.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Appearance:** | clear liquid paste |
| **Odour:** | slight odour. |
| **Odour Threshold:** | Not available. |
| **pH:** | 6.0 -7.0 |
| **Freezing Point:** | Not available. |
| **Boiling Point /Boiling Range:** | Not available. |
| **Flash Point:** | Not available. |
| **Evaporation Rate:** | Not available. |
| **Flammability:** | Not flammable. |
| **Flammability Limits:** | Not applicable. |
| **Vapour Pressure:** | Not available. |
| **Vapour Density:** | Not available. |
| **Relative Density:** | 1.01 - 1.03. |
| **Solubility:** | entirely dispersible in water. |
| **Partition Co-efficient:** | n-octanol / water; Not available. |
| **Auto-Ignition Temperature:** | Not available. |
| **Decomposition Temperature:** | >150°C. |
| **Viscosity:** | Not available. |
| **Particle Characteristics:** | Not applicable. |

## 10. STABILITY AND REACTIVITY

**Reactivity:** Will not react or polymerise if stored and handled according to instructions.

**Chemical Stability:** Stable under normal ambient and anticipated storage and handling conditions. No thermal decomposition when stored and handled correctly.

**Possibility of Hazardous Reactions:** Will not react or polymerise if stored and handled according to instructions.

**Conditions to Avoid:** None known.

**Incompatible Materials:** None known.

**Hazardous Decomposition Products:** No hazardous decomposition products if stored & handled as instructed.

## 11. TOXICOLOGICAL INFORMATION

- **TOXICOLOGY**

**Acute Toxicity**
*Product* : no data available
**Skin Corrosion/Irritation**
*Product* : Non-irritant.
**Serious Eye Damage/Irritation**
*Product* : Non-irritant.
**Respiratory or Skin Sensitisation –**
*Product* : No data available.
*Ingredients:* No data available.
**Germ Cell Mutagenicity –**
*Product* : No data available.
*Ingredients:* No data available.
**Carcinogenicity –**
*Product* : No data available.
*Ingredients:* No data available.
**Reproductive Toxicity –**
*Product* : No data available.
*Ingredients:* No data available.
**STOT; Single Exposure –**
*Product* : No data available.
*Ingredients:* No data available.
**STOT; Repeated Exposure –**
*Product* : No data available.
*Ingredients:* No data available.
**Aspiration Hazard –**
*Product* : No data available.
*Ingredients:* No data available.
**Other Data –**
No other data.

- **HEALTH EFFECTS - ACUTE**

**Inhalation:** No data available.
**Skin Contact:** Non-Irritant. May cause temporary redness / mild irritation.
**Eye Contact:** Non-Irritant. May cause temporary redness / mild irritation.
**Ingestion:** May cause irritation to gastro-intestinal tract resulting in nausea and vomiting.

**CHRONIC**
**Inhalation:** No data available.
**Skin Contact:** No data available.
**Eye Contact:** No data available.
**Ingestion:** No data available.

## 12. ECOLOGICAL INFORMATION

- **ECOTOXICITY**

**Fish Toxicity:** No data available.

**Invertebrate Toxicity:** No data available.

**Algae Toxicity:** No data available.

**Bacteria Toxicity:** No data available.

- **PERSISTENCE AND DEGRADABILITY**

No data available.

- **BIOACCUMULATIVE POTENTIAL**

No data available.

- **MOBILITY IN SOIL**

No data available.

- **OTHER ADVERSE EFFECTS**

No data available.

- **OTHER DATA**

Not considered toxic in the aquatic environment; will cause colour change of water.

## 13. DISPOSAL CONSIDERATIONS

- **DISPOSAL METHODS**

All persons conducting reclamation, recycling or disposal activities with this material should refer to Section 8 of this SDS for information on exposure controls and required PPE.

Containers for disposal should be constructed of similar material to the original containers, if possible.
Use metal, polypropylene or polyethylene containers if unsure.
Do not use un-lined metal containers if material is corrosive to metals.
Consult Sections 7, 10 and 14 for further information in order to determine suitable containers.

If utilisation or recycling of product is not possible, it should be disposed of, in accordance with local regulations and laws, e.g. at an authorised incineration plant or special waste disposal site. Do not use sewer for disposal.

- **CONTAMINATED PACKAGING**

Contaminated packaging should be emptied as much as possible and may be re-used after appropriate cleaning with water and soap/detergent. Packaging that cannot be cleaned should be disposed of as for the product.

- **ENVIRONMENTAL REGULATIONS**

Do not use sewer for disposal; causes colour change.

## 14. TRANSPORT INFORMATION

**ROAD AND RAIL TRANSPORT**

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail**.**

**MARINE TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**AIR TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

## 15. REGULATORY INFORMATION

- All the constituents of this chemical are listed on the Australian Inventory of Chemical Substances (AICS).
- Poisons Schedule (SUSDP): Not a scheduled poison.
- All the constituents of this chemical are listed on the New Zealand Inventory of Chemicals (NZIC).

## 16. OTHER INFORMATION

Prepared in accordance with:

- Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice [SWA: February 2016].

Reason for issue: Update

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. Kraftkolour P/L cannot anticipate or control the conditions under which this information may be used. Each user should review the information in the specific context of the intended application. Kraftkolour P/L will not be responsible for damages of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those implied by Commonwealth, State or Territory Legislation.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorization, given or implied, to practice any patented invention without a valid license.

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END of SDS