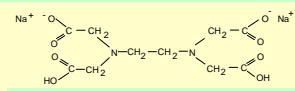


| | | |
|----------|---|---|
| 1 | Commercial product name and supplier | |
| 1.1 | Commercial product name / designation | CM-10 COND 6 x 750 ml |
| 1.2 | Application / use | Photographic Solution |
| 1.3 | Producer | |
| 1.4 | Supplier | |
| 1.5 | TOX emergency number | |
| 1.6 | BAG T No. (CH) | |
| 1.7 | Product No. | 991109 |
| 2 | Composition | |
| 2.1 | Chemical characterisation | Aqueous solution containing inorganic salts. Active ingredient: CAS No.: 139-33-3 EDTA-2Na |
| 2.2 | Components | tribu m e |
| | CAS Nr. : | 139-33-3 |
| | EINECS: | 205-358-3 |
| 2.3 | Further information | None. |
| 3 | Hazards identification | - |
| 4 | First aid measures | |
| 4.1 | Eye contact | Irrigate with flowing water immediately and continuously for 3 minutes. Consult medical personnel. |
| 4.2 | Skin contact | Remove contaminated clothing. |
| 4.3 | Ingestion | Consult a physician or transport to emergency facility immediately. |
| 4.4 | Inhalation | Remove to fresh air. |
| 4.5 | Further information | None. |
| 5 | Fire-fighting measures | |
| 5.1 | Suitable extinguishing media | Water. Water fog, carbon dioxide, foam, dry chemicals. |
| 5.2 | Extinguishing media to avoid | None under normal conditions. |
| 5.3 | Further information | |



6 Accidental release measures

Wear adequate personal protective equipment, see Section 8 (Exposure Controls/Personal Protection)

Prevent from entering into soil, waterways and groundwater. Spills should be contained by, and covered with suitable absorbent material and removed for disposal.

Dispose of according to local and national regulations.

7 Handling and storage

7.1 Handling: Avoid eye contact. Wash hands and exposed skin before eating, drinking or smoking and after work.

7.2 Industrial hygiene: Follow normal industrial hygiene standards.

7.3 Storage: Do not consume or store food in the work area. Keep container tightly closed and dry.

7.4 Fire- and explosion protection: Not combustible.

8 Exposure controls / personal protection

8.1 Technical equipment: Good general ventilation should be sufficient for most processing operations. Vent work area to ensure airborne concentrations are below the current occupational exposure limits. 10 or more room air changes per hour containing a minimum of 15% fresh air, will meet these requirements.

8.2 Control of threshold limits: None established.

8.3 Personal protective equipment

8.3.1 Respiratory protection: No respiratory protection needed under normal conditions. Good general ventilation should be sufficient.

8.3.2 Hand protection: Use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the materials: Butyl rubber (thickness ≥ 0.36 mm, breakthrough time > 480 min), nitrile rubber (thickness ≥ 0.38 mm, breakthrough time > 480 min) or neoprene (thickness ≥ 0.65 mm, breakthrough time > 240 min). For intermittent splash protection corresponding gloves with breakthrough times > 60 min can be used. Avoid gloves made of: natural rubber.

8.3.3 Eye protection: Use chemical safety goggles. Eye wash fountain should be located in immediate work area.

8.3.4 Other: Appropriate protective clothing.

9 Physical and chemical properties

9.1 Appearance: liquid

9.2 Color: colourless

9.3 Odour: practically odourless

9.4 Change in physical state

Melting point: ~ 0 °C

Boiling point: ~ 100 °C

9.5 Density: 1.036 g/cm³ (20 °C)

| | | | |
|------|----------------------|--------------|--------------------|
| 9.6 | Vapour pressure | ----- | mm Hg (21 °C) |
| 9.7 | Viscosity | ----- | cP |
| 9.8 | Solubility in water | ----- | g/l (20 °C) |
| | | | completely soluble |
| 9.9 | pH-value | | (25 °C) |
| | | | acidic |
| 9.10 | Flash point | ----- | °C |
| 9.11 | Ignition temperature | ----- | °C |
| 9.12 | Explosion limits | Lower: ----- | vol.% |
| | | Upper: ----- | vol.% |
| | remark(s) | | None. |
| 9.13 | Further information | | None. |

| | | | |
|-----------|----------------------------------|--|--|
| 10 | Stability and reactivity | | |
| 10.1 | Thermal decomposition | | Is stable under normal storage conditions. |
| 10.2 | Hazardous decomposition products | | In case of thermal decomposition poisonous and irritant gases/fumes can be released. |
| 10.3 | Hazardous reactions | | With strong alkalies. |
| 10.4 | Further information | | None. |

| | | | |
|-----------|----------------------------------|----------------|-------------------|
| 11 | Toxicological information | | |
| | <u>Product Information:</u> | | |
| | LD50, oral: | > 10 000 mg/kg | Test Animal: Rats |
| | LD50, dermal: | N/Av | Test Animal: N/Av |
| 11.1 | Acute Overexposure: | | |
| | Primary Skin Irritation Index: | N/Av | N/Av |
| | Primary Eye Irritation Index: | N/Av | N/Av |
| 11.2 | Further information | | |

| | | | |
|--------------------------------|---------------------------------------|--------------|--------------|
| <u>Ingredients information</u> | | | |
| CAS No. | Component | LD50 (mg/kg) | Test Animal: |
| 139-33-3 | disodium ethylenediamine tetraacetate | N/Av. | Rats |
| | Further information | | None. |

| | | | |
|-----------|-------------------------------|--|--|
| 12 | Ecological information | | |
|-----------|-------------------------------|--|--|

| | | | |
|--------------------------------|---------------------------------------|--|---------------|
| Ecotox Data: | | N/Av | |
| Chemical Fate Data: | | | |
| Ingredients information | | | |
| CAS No. | Component | Fish Toxicity | Fish Organism |
| 139-33-3 | disodium ethylenediamine tetraacetate | LC50 N/Av | |
| 13 | Disposal considerations | Dispose of according to local and national regulations. Containers must be disposed of in accordance with local regulations. | |
| 13.1 | EC-Waste Code | 090199 | |
| 13.2 | Origin | Photographic Industry | |
| 14 | Transport information | | |
| 14.1 | Road transport | | |
| | UN-Number | ----- | |
| | Name and description (PSN) | | |
| | GGVSE class | Classification code | ----- |
| | RID / ADR class | Classification code | ----- |
| | Packing group | Labels | ----- |
| | Special provisions | Limited quantities | ----- |
| | Packing instructions | Special pack. prov. | ----- |
| | | Mixed pack. prov. | |
| | Tremcard | | |
| | Further information | nd (road, | |
| 14.2 | Marine transport | | |
| | UN-Number | ----- | |
| | Proper Shipping Name (PSN) | | |
| | Class or division | GGVSee: ----- | ADNR: ----- |
| | Subsidiary risk(s) | Packing group | ----- |
| | Special provisions | Limited quantities | ----- |
| | Packing instructions | Packing provisions | ----- |
| | IBC instructions | IBC provisions | ----- |
| | EmS | MFAG | ----- |
| | Marine pollutant | ----- | |
| | Further information | a. | |

| | | |
|------|---------------------|--|
| 14.3 | Air transport | |
| | ICAO / IATA-GDR | ---- |
| | UN-No. | ----- |
| | PSN | ----- |
| | Subsidiary risk | ----- |
| | Labels | ----- |
| | Packing group | |
| | Passenger aircraft | |
| | Cargo aircraft only | |
| | Further information | Material not classified for air transport. |

| | | |
|-------|-------------------------------|---|
| 15 | Regulatory information | This product does not require classification according to the criteria of the EC and the "Gefahrstoffverordnung". |
| 15.1 | UN-No. | |
| 15.2 | Swiss toxicity class | frei/free/libre |
| 15.3 | EC-No. | ----- |
| 15.4 | Hazard symbols | — |
| 15.5 | Hazard designation | ----- |
| 15.6 | Risk phrases | R: — |
| 15.7 | Safety phrases | S: - |
| 15.8 | TLV / MAK/... | No Occupational Exposure Limits have been established. |
| 15.9 | BVD classification | ----- |
| 15.10 | VbF | ----- |
| 15.11 | Further information | None. |

| | | |
|------|--|---|
| 16 | Other information | The use of the preparation is restricted to professional users! |
| 16.1 | Safety Data Sheet new / changed in section: | ----- |
| 16.2 | R-phrases mentioned in point 2.2 (components): | ----- |



CM-10 COND 6 x 750 ml

| | | | |
|-------------|---------------------------------|------------|-----------|
| Page 6 of 6 | Date of issue / Reference | 02.02.04 / | J. Zauner |
| | Replaces version of / Reference | 17.04.03 / | J. Zauner |

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications have not the meaning of guarantees on properties.

N/Av = Not available N/Ap = Not applicable