

# MATERIAL SAFETY DATA SHEET

Product name: **CHROM-O-RED SOLUTION**  
Last revised date: 3 December 2013  
Print date: 18 December 2013

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## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

**PRODUCT NAME:** Chrom-o-red Solution  
**DIN:** 02021137

**MANUFACTURER:** Germiphene Corporation  
**ADDRESS:** 1379 Colborne Street East, Brantford, Ontario N3T 5M1, Canada  
**PHONE:** 519-759-7100  
**FAX:** 519-759-1625

**EMERGENCY PHONE:** CANUTEC 613-996-6666

**PRODUCT USE:** Plaque disclosing solution.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**INGREDIENT:** FD&C Red #3 (Erythrosine)  
**CAS No** 16423-68-0 % wt 2%  
**HAZARDOUS:** yes

**INGREDIENT:** Ethyl alcohol  
**CAS No** 64-17-5 % wt 8.0 - 9.5  
**HAZARDOUS:** yes

## 3. HAZARD IDENTIFICATION

**EYES:** N/Av  
**SKIN:** N/Av  
**INGESTION:** N/Av  
**INHALATION:** N/Av

## 4. FIRST AID MEASURES

**EYES:** Wash eyes with plenty of water for 15 minutes . If irritation persists, contact physician.  
**SKIN:** Wash well with soap and water.  
**INGESTION:** If large amounts are ingested, obtain medical attention.  
**INHALATION:** Remove person to fresh air area. Contact physician if difficulty in breathing persists.

## 5. FIREFIGHTING MEASURES

**FLAMMABILITY:** N/Av  
**COMBUSTIBLE:** N/Av  
**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon.

## 6. ACCIDENTAL RELEASE MEASURES

For small spill as would occur in dental offices, soak up spill with suitable absorbent, bleach area and discard refuse in suitable metal container.

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## 7. HANDLING AND STORAGE

Keep container closed, store at room temperature.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: No  
RESPIRATORY PROTECTION: No  
EYE PROTECTION: No  
SKIN PROTECTION: No  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, dark red coloured  
ODOUR: N/Av  
PHYSICAL STATE: Liquid  
pH: 6.60 - 8.50 (10 drops in 10 mL DI Water)  
BOILING POINT: N/Av  
MELTING POINT: N/Av  
FREEZING POINT: N/Av  
EVAPORATION RATE: N/Av  
VAPOUR PRESSURE (mmHg): N/Av  
SPECIFIC GRAVITY @ 22 ± 1°C: 0.900 - 1.000  
SOLUBILITY: N/Av

## 10. STABILITY AND REACTIVITY

STABILITY: Stable at normal conditions.  
CONDITIONS TO AVOID: None  
INCOMPATIBILITY (MATERIALS TO AVOID): None  
HAZARDOUS DECOMPOSITION PRODUCTS: Burning may yield oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

FD&C RED #3 (ERYTHROSINE) Oral mouse LD50 1264 mg/kg  
ETHYL ALCOHOL Inhalation rat LD50 31623 ppm / 4hr  
Oral rat LD50 7060 mg/kg  
Skin rabbit LD50 > 20000 mg/kg

## 12. ECOLOGICAL INFORMATION

N/Av

## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Discard in suitable metal container. Dispose in accordance with municipal, provincial and federal regulations.

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## 14. TRANSPORT INFORMATION

Not regulated for transport.

## 15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt - Drug Product

## 16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

### Disclaimer

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