

MATERIAL SAFETY DATA SHEET

Product name: **CHROM-O-RED SOLUTION**
Last revised date: 23-Dec-10
Print date: 21-Jul-11

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Chrom-o-red Solution
DIN: 00254231

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** 0.8
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

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

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

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

14. TRANSPORT INFORMATION

Not regulated for transport.

15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt - Drug Product

16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

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