

Section I. Product Identification and Uses

HMIS (HFRP)

Health Hazard 2

Fire Hazard 0

Reactivity 0

Personal Protection s

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|---------------------|--------------------------------|-----|--|
| Common / Trade name | G SIXTEEN+ CLNR EMULSIFIER DEG | TDG | Class 8 |
| WHMIS | D2B, E | PIN | UN3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S., (Potassium Hydroxide) |
| Code | 2005 | PG | III |
| Material uses | Cleaner, degreaser. | | |

Section II. Hazardous Ingredients

| Name | CAS # | % by weight | TLV/PEL | LC50/LD50 |
|--|------------|-------------|----------------|---|
| Ethoxylated C12-15 alcohol | 68131-39-5 | 1-5 | Not available. | ORAL (LD50): Acute: 2000 mg/kg [Rat]. DERMAL (LD50): Acute: 2000 mg/kg [Rabbit]. |
| Potassium Hydroxide | 1310-58-3 | 1-5 | Not available. | ORAL (LD50): Acute: 333 mg/kg [Rat]. |
| Alcohol C9-11, ethoxylated | 68439-46-3 | 0.5-1.5 | Not available. | ORAL (LD50): Acute: 2000 mg/kg [Rat]. DERMAL (LD50): Acute: 2000 mg/kg [Rabbit]. |
| Alkyl dimethyl benzyl ammonium chloride (C12-16) | 68424-85-1 | 0.5-1.5 | Not available. | ORAL (LD50): Acute: 426 mg/kg [Rat]. 919 mg/kg [Mouse]. |
| Ethyl alcohol | 64-17-5 | 0-1 | Not available. | ORAL (LD50): Acute: 8300 mg/kg [Mouse]. 13700 mg/kg [Rat]. 17750 mg/kg [Rat]. |
| Sodium metasilicate, pentahydrate | 10213-79-3 | 1-5 | Not available. | ORAL (LD50): Acute: 1198 mg/kg [Rat]. DERMAL (LD50): Acute: 5000 mg/kg [Rat]. |

Section III. First Aid Measures

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| Eye contact | IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention. |
| Skin contact | In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Get medical attention if irritation develops. |
| Inhalation | Allow the victim to rest in a well ventilated area. Seek medical attention if discomfort persists. |
| Ingestion | DO NOT induce vomiting. Have conscious person drink several glasses of water. NEVER give an unconscious person anything to ingest. Seek immediate medical attention. |

Section IV. Physical Data

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| Physical state and appearance | Liquid. | Colour | Orange - Pink. |
| pH (1% soln/water) | 12.0 - 13.0 | Odour | Faint odor of Quaternary Ammonium compound. |
| pH (concentrate) | 13.0 - 14.0 | Volatility | Not available. |
| Boiling point | The lowest known value is 100°C (212°F) (Water). Weighted average: 106.85°C (224.3°F) | Vapour density | Weighted average: 1 (Air = 1) |
| Specific gravity | 1.028 - 1.046 (Water = 1) | Vapour pressure | Not available |
| Solubility | Miscible in water. | | |

Section V. Fire and Explosion Data

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| The product is | Non-flammable. |
| Auto-ignition temperature | Not applicable. |
| Flash points | Not applicable. |
| Degradation products | Not applicable. |
| Extinguishing media | Use DRY chemicals, CO2, water spray or foam. |

Section VI. Reactivity data

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| Stability | The product is stable. |
| Decomp. products | Not available. |
| Reactivity | Incompatible with oxidizing agents, acids, reducing agents, organic materials, metals. |

Section VII. Toxicological properties

Route of entry Eye contact. Ingestion. Inhalation. Skin contact.

Toxicity for animals See section II

Acute effects Dangerous in case of skin and eye contact (corrosive), of ingestion (corrosive to digestive system). Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract.

Chronic effects Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section VIII. Preventive measure

Waste disposal Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.

Storage Store in a dry, cool and well ventilated area. Keep away from incompatibles.

Precautions Avoid breathing vapors or spray mists. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Wear suitable protective clothing, gloves and eye/face protection.

Spill and leak Absorb with an inert DRY material and place in an appropriate waste disposal container. Dispose of in accordance with federal, provincial, or local regulations.

Section IX. Personal protective equipment

Gloves Gloves (impervious)

Respiratory In case of insufficient ventilation, wear suitable respiratory equipment.

Eyes Splash goggles.

Other Full suit, boots, face shield: are recommended under exceptional circumstances such as fire, spill or for prolonged contact with bulk quantities.

Eng. controls Ensure that eyewash stations and safety showers are proximal to the work-station location.

Section X. Preparation and other Information

Validated by the Regulatory Affairs Department on 19 Apr. 2016

EMERGENCY: CANUTEC 613-996-6666

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Annex A. Legend

HMIS Hazardous Materials Identification System

WHMIS WHMIS Workplace Hazardous Materials Information System

TDG Transport Dangerous Goods

PIN Product Identification Number

PG Packaging Group
