

Section I. Product Identification and Uses

| | | | |
|----------------------------|-----------------------------|----------------------------|--------------------------|
| | | HMIS (HFRP) | |
| | | Health Hazard | 1 |
| | | Fire Hazard | 4 |
| | | Reactivity | 0 |
| | | Personal Protection | b |
| Common / Trade name | GLOBAL CLEAN SANITIZING GEL | TDG | Class 3 |
| WHMIS | B2, D2B | PIN | UN 1170 ETHANOL SOLUTION |
| Code | 1196 | PG | II |
| Material uses | Hand sanitizer | | |

Section II. Hazardous Ingredients

| Name | CAS # | % by weight | TLV/PEL | LC50/LD50 |
|---------------|---------|-------------|----------------|-------------------------------------------------------------------------------|
| Ethyl alcohol | 64-17-5 | 40-70 | Not available. | ORAL (LD50): Acute: 8300 mg/kg [Mouse]. 13700 mg/kg [Rat]. 17750 mg/kg [Rat]. |

Section III. First Aid Measures

| | |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye contact | IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention. |
| Skin contact | If irritation develops or increases, use of the product should be discontinued. If irritation develops or increases, use of the product should be discontinued. If irritation persists for more than 5 days, consult a doctor. |
| Inhalation | Allow the victim to rest in a well ventilated area. |
| Ingestion | Have conscious person drink several glasses of water. Induce vomiting. Seek immediate medical attention. |

Section IV. Physical Data

| | | | |
|-------------------------------------|-------------------------------------------------------|------------------------|--------------------------------------|
| Physical state and apperance | Liquid. (Clear gel.) | Colour | Colorless. |
| pH (1% soln/water) | 6 [Acidic.] | Odour | Citrus. |
| pH (concentrate) | 6.0 - 7.3 | Volatility | 95% (v/v). |
| Boiling point | The lowest known value is 78.5°C (173.3°F). (Ethanol) | Vapour density | Weighted average: 1.36 (Air = 1) |
| Specific gravity | 0.890 - 0.896 (Water = 1) | Vapour pressure | Weighted average: 4.37 kPa (at 20°C) |
| Solubility | Easily soluble in cold water, hot water. | | |

Section V. Fire and Explosion Data

| | |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The product is | Flammable. |
| Auto-ignition temperature | 399°C (750.2°F) |
| Flash points | Closed cup: Between -18°C (0°F) and 23°C (73°F). |
| Degradation products | These products are carbon oxides (CO, CO2). |
| Extinguishing media | SMALL FIRE: Use DRY chemicals, CO2, alcohol foam or water spray. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion. |

Section VI. Reactivity data

| | |
|-------------------------|------------------------------------------------------|
| Stability | The product is stable. |
| Decomp. products | See fire degradation products. |
| Reactivity | Slightly reactive to reactive with oxidizing agents. |

Section VII. Toxicological properties

| | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Route of entry | Ingestion. Inhalation. Eye contact. Skin contact. |
| Toxicity for animals | Acute oral toxicity (LD50): 7060 mg/kg [Rat.]. (Ethanol). |
| Acute effects | Dangerous in case of ingestion, of inhalation. Slightly dangerous in case of eye contact (irritant). May cause dizziness, nausea or have anaesthetic effects if inhaled. |
| Chronic effects | No ingredient in this product is currently listed as carcinogens by IARC, NTP or OSHA.Repeated skin exposure can produce local skin defatting or dermatitis. |

Section VIII. Preventive measure

| | |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste disposal | Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities. |
| Storage | Keep away from heat, from sources of ignition. Keep in a cool, well-ventilated place. A refrigerated room would be preferable for materials with a flash point lower than 37.8°C (100°F). |
| Precautions | Keep away from heat. Keep away from sources of ignition. DO NOT ingest. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids. Avoid contact with eyes. |
| Spill and leak | Eliminate all sources of ignition and ventilate the area. Absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning the spill area with running water. 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 | Face shield, full suit, boots:are recommended under exceptional circumstances such as fire, spill or for prolonged contactwith bulk quantites. |
| Eng. controls | Provide exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit value. 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 27 Mar. 2007

Printed 27 Mar. 2007

CHEMTREC : (800) 424-9300

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 of 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 |
