

QUALITY CHEMICAL MFG
 DIV OF THE CHEMICAL MFG
 215, DOLOMITE DRIVE
 DOWNSVIEW ON M3J 2N1

Section I. Product Identification and Uses

| | | | |
|----------------------------|-----------------------|----------------------------|------------------------------------|
| | | HMIS (HFRP) | |
| | | Health Hazard | 1 |
| | | Fire Hazard | 0 |
| | | Reactivity | 0 |
| | | Personal Protection | b |
| Common / Trade name | DIAMOND SHINE QUALITY | TDG | Not controlled under TDG (Canada). |
| WHMIS | D2A, D2B | PIN | None |
| Code | 1520 | PG | None |
| Material uses | Floor coating. | | |

Section II. Hazardous Ingredients

| Name | CAS # | % by weight | TLV/PEL | LC50/LD50 |
|-------------------------------|-----------|-------------|----------------|---|
| Diethylene Glycol ethyl ether | 111-90-0 | 1 - 5 | Not available. | ORAL (LD50): Acute: 5500 mg/kg [Rat]. DERMAL (LD50): Acute: 8500 mg/kg [Rabbit]. |
| Tributoxy Ethyl Phosphate | 78-51-3 | 1 - 5 | Not available. | ORAL (LD50): Acute: 9490 mg/kg [Rat]. DERMAL (LD50): Acute: 10000 mg/kg [Rat]. |
| Ethylene glycol | 107-21-1 | 1 - 5 | Not available. | ORAL (LD50): Acute: 4700 mg/kg [Rat]. DERMAL (LD50): Acute: 9530 mg/kg [Rabbit]. |
| Octyl phenol ethoxylate | 9036-19-5 | 0.1 - 1 | Not available. | ORAL (LD50): Acute: 1800 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 Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap.

Inhalation Allow the victim to rest in a well ventilated area.

Ingestion DO NOT induce vomiting. Have conscious person drink several glasses of water. NEVER give an unconscious person anything to ingest. Seek medical attention.

Section IV. Physical Data

| | | | |
|--------------------------------------|--|------------------------|---|
| Physical state and appearance | Liquid. (Opaque.) | Colour | Off-white. |
| pH (1% soln/water) | Not available. | Odour | Mild acrylic |
| pH (concentrate) | 8.5-9.5 | Volatility | Not available. |
| Boiling point | The lowest known value is 100°C (212°F) (Water). Weighted average: 110.94°C (231.7°F) | Vapour density | The highest known value is 2.1 (Air = 1) (1,2-Ethanediol). Weighted average: 1.18 (Air = 1) |
| Specific gravity | 1.025-1.045 (Water = 1) | Vapour pressure | The highest known value is 2.3 kPa (17.2 mm Hg) (at 20°C) (Water). Weighted average: 2.07 kPa (15.53 mm Hg) (at 20°C) |
| Solubility | Miscible in water. | | |

Section V. Fire and Explosion Data

| | |
|----------------------------------|---|
| The product is | Non-flammable. |
| Auto-ignition temperature | Not applicable. |
| Flash points | Not applicable. |
| Degradation products | Carbon oxides (CO, CO ₂), phosphates. |
| Extinguishing media | Use DRY chemicals, CO ₂ , water spray or foam. |

Section VI. Reactivity data

| | |
|-------------------------|---|
| Stability | The product is stable. (Nevertheless this product is sensitive to drastic changes of temperature) |
| Decomp. products | See fire degradation products. |
| Reactivity | Slightly reactive to reactive with oxidizing agents, alkalis and acids. |

Section VII. Toxicological properties

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

Toxicity for See section II.

animals

Acute effects Hazardous in case of ingestion. Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant, sensitizer, permeator), of inhalation.

Chronic effects CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated exposure may cause chronic eye and skin irritation.

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 from freezing.

Precautions Avoid contact with skin. After contact with skin, wash immediately with plenty of water. Wear suitable gloves.

Spill and leak Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Section IX. Personal protective equipment

Gloves Gloves (impervious).

Respiratory Wear appropriate respirator when ventilation is inadequate.

Eyes Safety glasses.

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

Eng. controls Good general ventilation should be sufficient to control airborne levels.

Section X. Preparation and other Information

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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
