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Door Doctor Lubricant technical details

1 Product identification

Door Doctor Penetrant-Lubricant-Cleaner (Aerosol)

Product number: 104250

WHMIS Classification: Not regulated

TDGA Classification: 2.2

Product identification (NIP): 1950

Product use: Penetrating liquid for rusted and heatbound parts, lubricant and cleaner.

Manufacturer/supplier: ORAPI LTD-7521 Henri Bourassa est, Montreal, Qc, Canada H1E 1N9

2 Hazardous ingredients

Carbon dioxide(Aerosol): 1-5%

No known hazardous ingredients regulated by WHMIS

3 Physical Data

Physical state: Aerosol. Odor and appearance: Oily amber liquid, slight oil odor. Odor threshold: Pina Colada. Vapor pressure: aerosol 85 psi. Vapor density: Not available. Evaporation rate <.1 (butyl acetate=l). Boiling point: > 100°C. Freezing point: not available. PH: not applicable. Specific gravity: 0.890 (20°C) Coeff. Water/oil dist. Not available.

4 Fire and explosion Data

Non flammable under normal conditions.

Special fire fighting procedures: Wear self contained positive pressure respiratory equipment.

Means of extinction: water fog, foam, dry chemical powder.

Flashpoint and method: not applicable. Upper flammable limit: not available. Lower flammable limit: not available. Auto ignition temperature: not available. Hazardous combustion products: carbon dioxide. Aerosol can will explode if heated over 50°C. Sensivity to impact: aerosol can will explode if crushed. Sensivity to static discharge: None.

5 Reactivity Data

Chemically stable under normal conditions. Avoid high temperature sources and strong oxidants.

Reactivity and under what conditions: hazardous polymerization will not occur. Excessive heat will result in the formation of oil mist.

Hazardous decomposition products: Carbon dioxide.

6 Toxicological Properties

Route of entry: skin contact, eye contact, ingestion.

Effects of over exposure to product:

Eyes: may cause mild irritation. Skin prolonged or repeated contact may cause mild irritation. Inhalation: If sprayed or misted may cause a slight irritation.

Effects of chronic exposure to product:

Skin: repeated contact may cause irritation and possible eruption. Eyes: contact may cause irritation and watering of eyes. Sensitization to product: not known to be a sensitizer.

Carcinogenicity: None. Teratogenicity: not available. Reproductive toxicity: unlikely. Mutagenicity: negative. Synergistic products: not available.



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7 Preventive Measures

Personal protective equipment:

Gloves: Nitrile for prolonged contact. Respirator: Not normally required, however, if mist or vapors formation should occur use NIOSH approved respirator. Eyes: safety goggles if eye contact is likely. Other: eye bath or eye wash station.

Engineering controls: general (mechanical) room ventilation is satisfactory. Leak and spill procedure: collect small pills with absorbent material, remove to containers and dispose according to local regulation. Waste disposal: Do not incinerate. Empty aerosols may be disposed of through normal channels. Handling procedures and equipment: contents under pressure, do not place in hot water or near radiators or other sources of heat. Storage requirements: store in a cool, clean and dry area. Product may freeze but returns to its initial conditions at normal temperatures. Do not heat container above 50°C. Special shipping information: consumer commodity.