

AVMOR plc. (NEW)
P. O. BOX 234
NORTHAMPTON, ENGLAND NN3 2LY

Section I. Chemical Product and Company Identification

Product Name/Trade Name	BONNET Carpet Maintainer+Deodo	Code	1399
Chemical Family	Aliphatic alcohol or glycol. (Solvent.)	In case of Emergency	0976 402998 (01604 472300)
Manufacturer	Avmor Ltd 950 Michelin, Laval, Québec Canada	Material Uses	Industrial applications: Carpet maintainer with built-in deodorant.

Section II. Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC50/LD50
Isopropyl alcohol	67-63-0	1-5	TWA: 400 (ppm) from ACGIH [1993].	ORAL (LD50) mg/kg: Acute: 4720 (Mouse.). DERMAL (LD50) mg/kg: Acute: 12900 (Rabbit). GAS (LC50) ppm : Acute: 12000 (Rat) (8 hour(s)).
Ethylene glycol monobutyl ether	111-76-2	5-10	Not available.	ORAL (LD50) mg/kg: Acute: 530 (Rat.). 1480 (Mouse). DERMAL (LD50) mg/kg: Acute: 490 (Rabbit.). GAS (LC50) ppm : Acute: 700 (Mouse) (8 hour(s)).

Section III. Hazards Identification

Potential Acute Health Effects	Dangerous in case of ingestion, of skin contact (irritant, permeator) of eye contact (irritant), of inhalation. This product may irritate eyes and skin upon contact.
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Isopropanol is known to affect foetal development. Repeated or prolonged exposure to the substance can produce liver damage and blood disorders (ingestion, inhalation, skin permeation).

Section IV. 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 the chemical got onto the clothed portion of the body, remove the clothes. Wash the skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
Hazardous Skin Contact	After contact with skin, wash immediately with plenty of water. If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. HARMFUL IF ABSORBED THROUGH SKIN. Seek medical attention.
Inhalation	Allow to rest in a well ventilated area. Seek medical attention if discomfort persists.
Hazardous Inhalation	Allow the victim to rest in a well ventilated area. Oxygen may be administered if breathing is difficult. SEEK IMMEDIATE MEDICAL ATTENTION. If the victim is not breathing, perform mouth-to-mouth resuscitation.
Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. NEVER give an unconscious person anything to ingest. Seek medical attention.
Hazardous Ingestion	DO NOT induce vomiting. Loosen tight clothing. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Section V. Fire and Explosion Data

Flammability of the Product	COMBUSTIBLE.
Auto-Ignition Temperature	Not applicable.
Flash Points	> 93.3 deg C (open cup - TOC)
Flammable Limits	Not applicable.
Products of Combustion	These products are Carbon oxides (CO, CO2).
Fire Hazards in Presence of Various Substances	Not applicable.
Explosion Hazards	No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.
Fire Fighting Media and Instructions	Use DRY chemicals, CO2, water spray or foam.

Section VI. Accidental Release Measures

Small Spill	Absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Stop leak if without risk. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section VII. Handling and Storage

Precautions	S1/2- Keep locked up and out of the reach of children. S23- Do not breathe gas/fumes/vapor/spray S24/25- Avoid contact with skin and eyes. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28- After contact with skin, wash immediately with plenty of water S38- In case of insufficient ventilation, wear suitable respiratory equipment. S62- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Storage	Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents. Keep away from direct sunlight or strong incandescent light. Keep away from incompatibles.

Section VIII. Exposure Controls/Personal Protection

Gloves	Gloves (impervious)
Respiratory	In case of insufficient ventilation, wear suitable respiratory equipment.
Eyes	Safety glasses.
Other	Apron, and boots are recommended under exceptional circumstances such as spill or for prolonged contact with bulk quantities.
Exposure Limits	Isopropyl alcohol TWA: 400 (ppm) from ACGIH [1993]

Section IX. Physical and Chemical Properties

Physical state and appearance	Liquid. (Clear.)	Odor	Floral.
Boiling point	100°C (212°F)	Taste	Not available.
Melting Point	0°C (32°F)	Color	Tan.
Critical Temperature	Not available.	Molecular Weight	Not applicable.
Volatility	94% (v/v).	pH (in Water)	11 [Basic.]
Evaporation Rate	Not available.	pH (concentrate)	Not available.
Vapor Pressure	Weighted average: 4.38 kPa (at 20°C)	Vapor density	Weighted average: 1.27 (Air = 1)
Inocity (in Water)	Not available.	Specific Gravity	0.975-0.995 (Water = 1)
Dispersion Properties	See solubility in water, methanol, diethyl ether.	Viscosity	Not available.
Solubility	Easily soluble in cold water, hot water, methanol, diethyl ether. Partially soluble in n-octanol.	Odor Threshold	Not available.

Section X. Stability and Reactive Data

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	No additional remark.
Incompatibility with Various Substances	Slightly reactive to reactive with oxidizing agents, acids.
Corrosivity	Not considered to be corrosive for metals and glass according to our database.

Section XI. Toxicological Information

Routes of Entry	Ingestion. Skin contact. Eye contact. Inhalation.
Toxicity to Animals	LD50: 7000 mg/kg (rat-oral)
Chronic Effects on Humans	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Isopropanol is known to affect foetal development. Repeated or prolonged exposure to the substance can produce liver damage and blood disorders (ingestion, inhalation, skin permeation).
Engineering Controls	Provide exhaust ventilation or other engineering controls 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 XII. Ecological Information

Ecotoxicity	Low.
BOD5 and COD	Biodegradable.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation The products of degradation are less toxic than the product itself.

Section XIII. Disposal Considerations

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

Section XIV. Transport Information

ADR Classification Not controlled under ADR of the EEC.

UN/NA Not available.

Packing Group Not available.

Special Provisions for Transport No additional remark.

Section XV. Other Regulatory Information

DSCL (Classification) R20/21/22- Harmful by inhalation, in contact with skin and if swallowed. R43- May cause sensitization by skin contact.

Section XVI. Other Information

References

Validated by the Regulatory Affaires Department on 01/07/02

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