

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

## Section I. Chemical Product and Company Identification

<b>Product Name/Trade Name</b>	TANOX COFFEE STAIN REMOVER	<b>Code</b>	1406
<b>Chemical Family</b>	Aliphatic ether. (Solvent.)	<b>In case of Emergency</b>	0976 402998 (01604 472300)
<b>Manufacturer</b>	Avmor Ltd 950 Michelin, Laval, Québec Canada	<b>Material Uses</b>	Industrial applications: Stain (coffee and tannin) remover

## Section II. Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC50/LD50
Ethylene glycol monobutyl ether	111-76-2	10-30	Not available.	ORAL (LD50): Acute: 470 mg/kg [Rat.]. DERMAL (LD50): Acute: 220 mg/kg [Rabbit].

## Section III. Hazards Identification

<b>Potential Acute Health Effects</b>	Dangerous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of skin contact (permeator), of inhalation.
<b>Potential Chronic Health Effects</b>	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to blood, kidneys, the reproductive system, liver.

## Section IV. First Aid Measures

<b>Eye contact</b>	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. DO NOT use an eye ointment. Seek medical attention.
<b>Skin contact</b>	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
<b>Hazardous Skin Contact</b>	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
<b>Hazardous Inhalation</b>	No additional information.
<b>Ingestion</b>	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.
<b>Hazardous Ingestion</b>	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested. Loosen tight clothing. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

## Section V. Fire and Explosion Data

<b>Flammability of the Product</b>	Non-flammable.
<b>Auto-Ignition Temperature</b>	Not applicable.
<b>Flash Points</b>	Not applicable.
<b>Flammable Limits</b>	Not applicable.
<b>Products of Combustion</b>	Carbon oxides (CO, CO2),
<b>Fire Hazards in Presence of Various Substances</b>	Not applicable.
<b>Explosion Hazards</b>	No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.
<b>Fire Fighting Media and Instructions</b>	Use DRY chemicals, CO2, water spray or foam.

## Section VI. Accidental Release Measures

<b>Small Spill</b>	Contain spill by diking. Dispose of in accordance with federal, provincial, or local regulations
<b>Large Spill</b>	Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Use water spray curtain to divert vapor drift. 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 allow to evacuate through the sanitary system.

## Section VII. Handling and Storage

<b>Precautions</b>	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 gloves and eye/face protection.
<b>Storage</b>	Store in a dry, cool and well ventilated area.

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### Section VIII. Exposure Controls/Personal Protection

<b>Gloves</b>	Gloves (impervious)
<b>Respiratory</b>	Wear appropriate respirator when ventilation is inadequate.
<b>Eyes</b>	Splash goggles.
<b>Other</b>	Boots, plastic apron, face shield: are recommended under exceptional circumstances such as fire, spill or for prolonged contact with bulk quantities.
<b>Exposure Limits</b>	Not available.

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### Section IX. Physical and Chemical Properties

<b>Physical state and appearance</b>	Liquid. (Clear.)	<b>Odor</b>	Pungent.
<b>Boiling point</b>	100°C (212°F)	<b>Taste</b>	Not available.
<b>Melting Point</b>	Weighted average: -11.41°C (11.5°F)	<b>Color</b>	Colorless.
<b>Critical Temperature</b>	Not available.	<b>Molecular Weight</b>	Not applicable.
<b>Volatility</b>	95% (v/v).	<b>pH (in Water)</b>	4 [Acidic.]
<b>Evaporation Rate</b>	Not available.	<b>pH (concentrate)</b>	Not available.
<b>Vapor Pressure</b>	Weighted average: 6.54 kPa (at 20°C)	<b>Vapor density</b>	Weighted average: 1.51 (Air = 1)
<b>Inocity (in Water)</b>	Not available.	<b>Specific Gravity</b>	1.02 (Water = 1)
<b>Dispersion Properties</b>	See solubility in water, methanol, diethyl ether.	<b>Viscosity</b>	Not available.
<b>Solubility</b>	Easily soluble in cold water, hot water, methanol. Partially soluble in diethyl ether. Very slightly soluble in n-octanol.	<b>Odor Threshold</b>	Not available.

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### Section X. Stability and Reactive Data

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

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### Section XI. Toxicological Information

<b>Routes of Entry</b>	Eye contact. Ingestion. Inhalation. Skin contact.
<b>Toxicity to Animals</b>	Acute oral toxicity (LD50): 2700 mg/kg (Rat). Acute dermal toxicity (LD50): 1920 mg/kg (Rabbit.) (Calculated values for the mixture). Acute toxicity of the gas (LC50): 500 ppm (Rat)(4 hrs).
<b>Chronic Effects on Humans</b>	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to blood, kidneys, the reproductive system, liver.
<b>Engineering Controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

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### Section XII. Ecological Information

<b>Ecotoxicity</b>	Moderately persistent in soil.
<b>BOD5 and COD</b>	Biodegradable
<b>Products of Biodegradation</b>	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
<b>Toxicity of the Products of Biodegradation</b>	The products of degradation are less toxic than the product itself.

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### Section XIII. Disposal Considerations

<b>Waste Disposal</b>	Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.
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### Section XIV. Transport Information

<b>ADR Classification</b>	Not controlled under ADR of the EEC.
<b>UN/NA</b>	None
<b>Packing Group</b>	Not available.
<b>Special Provisions for Transport</b>	No additional remark.

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**Section XV. Other Regulatory Information**

**DSCL (Classification)**

R20/22- Harmful by inhalation and if swallowed. R36/37/38- Irritating to eyes, respiratory system and skin.

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**Section XVI. Other Information**

**References**

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

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