

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

Section I. Chemical Product and Company Identification

Product Name/Trade Name	ZIP-STRIP (original scent)	Code	1484
Chemical Family	Stripper.	In case of Emergency	0976 402998 (01604 472300)
Manufacturer	Avmor Ltd 950 Michelin, Laval, Québec Canada	Material Uses	High powered stripper.

Section II. Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC50/LD50
Ethanolamine	141-43-5	1-5	TWA: 3 from ACGIH	ORAL (LD50): Acute: 1720 mg/kg [Rat.]. DERMAL (LD50): Acute: 1000 mg/kg [Rabbit].
Ethylene glycol monobutyl ether	111-76-2	10-30	Not available.	ORAL (LD50): Acute: 530 mg/kg [Rat.]. 1480 mg/kg [Mouse]. DERMAL (LD50): Acute: 490 mg/kg [Rabbit]. GAS (LC50): Acute: 990 ppm 4 hour(s) [Mouse].

Section III. Hazards Identification

Potential Acute Health Effects	Dangerous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of skin contact (permeator), of inhalation.
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: May cause target organ effects.

Section IV. First Aid Measures

Eye contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. DO NOT use an eye ointment. Seek medical attention.
Skin contact	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
Hazardous Skin Contact	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.
Inhalation	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.
Hazardous Inhalation	No additional information.
Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.
Hazardous Ingestion	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

Flammability of the Product	Non-flammable.
Auto-Ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Products of Combustion	Carbon oxides (CO, CO2), nitrogen oxides (NO, NO2...)
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	Contain spill by diking. Dispose of in accordance with federal, provincial, or local regulations
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Large Spill

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

Precautions

S2- Keep out of the reach of children.S24/25- Avoid contact with skin and eyes.S29/35- Do not empty into drains; dispose of this material and its container in a safe way.S62- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.S23- Do not breathe gas/fumes/vapor/spray

Storage

Store in a dry, cool and well ventilated area.

Section VIII. Exposure Controls/Personal Protection

Gloves

Gloves (impervious)

Respiratory

Wear appropriate respirator when ventilation is inadequate.

Eyes

Splash goggles.

Other

Boots, plastic apron, face shield: are recommended under exceptional circumstances such as fire, spill or for prolonged contact with bulk quantities.

Exposure Limits

Not available.

Section IX. Physical and Chemical Properties

Physical state and appearance

Liquid.

Odor

Lemon like.

Boiling point

100°C (212°F)

Taste

Not available.

Melting Point

0°C (32°F)

Color

Fluorescent yellow.

Critical Temperature

Not available.

Molecular Weight

Not applicable.

Volatility

97% (v/v).

pH (in Water)

Basic.

Evaporation Rate

Not available.

pH (concentrate)

11.2-11.9

Vapor Pressure

Weighted average: 74.8 mm of Hg (@ 20°C)

Vapor density

Weighted average: 1.99 (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. Partially soluble in diethyl ether. Very slightly soluble in n-octanol.

Odor Threshold

300 ppm

Section X. Stability and Reactive Data

Stability

The product is stable.

Instability Temperature

Not available.

Conditions of Instability

No additional remark.

Incompatibility with Various

Reactive with oxidizing agents, acids. Slightly reactive with metals.

Substances

Corrosivity

Highly corrosive in presence of copper. Slightly corrosive to corrosive in presence of zinc. Very slightly to slightly corrosive in presence of steel, of aluminum. Non-corrosive in presence of glass.

Section XI. Toxicological Information

Routes of Entry

Eye contact. Ingestion. Inhalation. Skin contact.

Toxicity to Animals

Acute oral toxicity (LD50): 2500 mg/kg (Rat). Acute dermal toxicity (LD50): 1510 mg/kg (Rabbit.) (Calculated values for the mixture). Acute toxicity of the gas (LC50): 500 ppm (Rat)(4 hrs).

Chronic Effects on Humans

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: May cause target organ effects.

Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Section XII. Ecological Information

Ecotoxicity

Moderate

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 None
Packing Group None
Special Provisions for Transport No additional remark.

Section XV. Other Regulatory Information

DSCL (Classification) 20/21/22- Harmful by inhalation, in contact with skin and if swallowed. R36/38- Irritating to eyes and skin.

Section XVI. Other Information**References**

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

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