

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

Section I. Chemical Product and Company Identification

Product Name/Trade Name	EXTRA DEGREASER & STRIPPER	Code	1336
Chemical Family		In case of Emergency	0976 402998 (01604 472300)
Manufacturer	Alkyl aryl polyglycol ether. (Surfactant.) Avmor Ltd 950 Michelin, Laval, Québec Canada	Material Uses	Cleaner. Degreaser.

Section II. Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC50/LD50
Ethylene glycol monobutyl ether	111-76-2	5-10	Not available.	ORAL (LD50): Acute: 470 mg/kg [Rat]. DERMAL (LD50): Acute: 220 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hours [Rat].
Sodium hydroxide	1310-73-2	1-5	Not available.	ORAL (LD50): Acute: 340 mg/kg [Rat].
Sodium metasilicate, anhydrous	6834-92-0	1-5	Not available.	ORAL (LD50): Acute: 600 mg/kg [Rat].

Section III. Hazards Identification

Potential Acute Health Effects

Corrosive to skin and eyes on contact. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.

Potential Chronic Health Effects

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL EFFECTS: Not available.

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	Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.
Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention. NEVER give an unconscious person anything to ingest.
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; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. 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, CO ₂) sulfur oxides (SO ₂ , SO ₃ ...)
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.

Section VI. Accidental Release Measures

Small Spill Contain spill by diking. Dilute with water and mop up. Dispose of in accordance with federal, provincial, or local regulations.

Large Spill CORROSIVE LIQUID. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. DO NOT touch spilled 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. Neutralize the residue with a dilute solution of acetic acid.

Section VII. Handling and Storage

Precautions S1/2- Keep locked up and out of the reach of children. 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. S37/39- Wear suitable gloves and eye/face protection. 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. S7/9- Keep container tightly closed and in a well-ventilated place.

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 Splash goggles, gloves, full suit and boots: are recommended under exceptional circumstances such as fire, spill or for prolonged contact with bulk quantities.

Exposure Limits Sodium hydroxide TWA: 2 (mg/m³)

Section IX. Physical and Chemical Properties

Physical state and appearance	Liquid.	Odor	Sassafras.
Boiling point	100°C (212°F)	Taste	Not available.
Melting Point	0°C (32°F)	Color	Violet.
Critical Temperature	Not available.	Molecular Weight	Not applicable.
Volatility	93% (v/v).	pH (in Water)	Not available.
Evaporation Rate	Not available.	pH (concentrate)	12.5-13.5
Vapor Pressure	Weighted average: 5.45 kPa (at 20°C)	Vapor density	Weighted average: 1.38 (Air = 1)
Inocity (in Water)	Anionic. (Sodium dodecylbenzene sulfonate.).	Specific Gravity	1.045-1.060 (Water = 1)
Dispersion Properties	Very slightly dispersed in n-octanol. 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 Substances Incompatible with oxidizing materials, reducing materials, combustible materials, organic materials, metals, acids, alkalis, moisture.

Corrosivity Slightly corrosive to corrosive in presence of copper. Very slightly to slightly corrosive in presence of zinc.

Section XI. Toxicological Information

Routes of Entry Eye contact. Ingestion. Inhalation. Skin contact.

Toxicity to Animals Acute oral toxicity (LD₅₀): 2000 mg/kg [RAT]. Acute dermal toxicity (LD₅₀): 220 mg/kg [Rabbit.]. (2-Butoxyethanol). Acute toxicity of the gas (LC₅₀): 500 ppm 4 hours [RAT].

Chronic Effects on Humans CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL EFFECTS: Not available.

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 Not available.

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 ADR CLASS 8: Corrosive liquids, n.o.s. (sodium hydroxide, sodium metasilicate)

UN/NA 1760

Packing Group III

Special Provisions for Transport No additional remark.

Section XV. Other Regulatory Information

DSCL (Classification) R20/22- Harmful by inhalation and if swallowed. R34- Causes burns. 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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