

L.T.M. LEBANESE TEXTILE MILLS
BLDG. 27, ST. ELIAS STREET
MKALLES, LEBANON,

Section I. Chemical Product and Company Identification

Product Name/Trade Name	CHLORINATED SOAK DETERGENT	Code	1364
Chemical Family	Alkali.	In case of Emergency	
Manufacturer	AVMOR LTD 950 Michelin Laval (Quebec) H7L 5C1	Material Uses	Chlorinated soak detergent.

Section II. Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC50/LD50
Chlorinated trisodium phosphate	56802-99-4	30-60	Not available.	Not available.
Sodium metasilicate	6834-92-0	1-5	Not available.	ORAL (LD50): Acute: 1153 mg/kg [Rat]. 770 mg/kg [Mouse]. 1280 mg/kg [Rat].

Section III. Hazards Identification

Potential Acute Health Effects	Hazardous in case of eye contact (irritant), of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer). Inflammation of the eye is characterized by redness, watering, and itching. If ingested might cause discomfort, diarrhea and nausea.
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Prolonged exposure may cause skin and eye chronic irritation.

Section IV. First Aid Measures

Eye contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.
Skin contact	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get 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	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Hazardous Inhalation	Not available.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
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. Have conscious person drink several glasses of water or milk. SEEK IMMEDIATE MEDICAL ATTENTION.

Section V. Fire and Explosion Data

Flammability of the Product	May be combustible at high temperature.
Auto-Ignition Temperature	Not available.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Products of Combustion	Carbon oxides (CO, CO2), phosphates, halogenated compounds
Fire Hazards in Presence of Various Substances	Not applicable.
Explosion Hazards	Not available.
Fire Fighting Media and	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Section VI. Accidental Release Measures

Small Spill	Dilute with water and mop up, or 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	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

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
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section VIII. Exposure Controls/Personal Protection

Gloves	Gloves.
Respiratory	Wear appropriate respirator when ventilation is inadequate.
Eyes	Splash goggles.
Other	Face shield, full suit, boots: 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	Solid.	Odor	Chlorine odour.
Boiling point	Not available.	Taste	Not available.
Melting Point	1089°C (1992.2°F) based on data for: Sodium metasilicate.	Color	White.
Critical Temperature	Not available.	Molecular Weight	Not applicable.

Volatility	Not available.	pH (in Water)	Basic.	
Evaporation Rate	Not available.	pH (concentrate)		11/12/2000
Vapor Pressure	Not applicable.	Vapor density	Not available.	
Inocity (in Water)	Not available.	Specific Gravity	Not available.	
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, diethyl ether. Very slightly 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	Not available.
Incompatibility with Various Substances	Not available.
Corrosivity	Not available.

Section XI. Toxicological Information

Routes of Entry	Eye contact. Inhalation. Ingestion. Skin Contact
Toxicity to Animals	See section II
Chronic Effects on Humans	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Prolonged exposure may cause skin and eye chronic irritation.
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	Not available.
Products of Biodegradation	Carbon oxides (CO, CO2) phosphates
Toxicity of the Products of Biodegradation	The products of degradation are more toxic.

Section XIII. Disposal Considerations

Waste Disposal	Recycle, if possible. Consult your local or regional authorities.
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Section XIV. Transport Information

ADR Classification	Not controlled under ADR (Europe).
UN/NA	Not applicable.
Packing Group	Not applicable.
Special Provisions for Transport	Not applicable.

Section XV. Other Regulatory Information

DSCL (Classification)	R25- Toxic if swallowed. R36/38- Irritating to eyes and skin.
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Section XVI. Other Information

References

Validated by the Regulatory Affaires Department on 99-12-01 Printed 00-10-23

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