

MATERIAL SAFETY DATA SHEET

Revision #: 03

Section 1 - Product Identification & Use

Product Name: **Lazer Strip Wax Remover**
WHMIS Classification: Class D, Div. 2, Skin Sensitizer
TDG Classification: This product is not regulated.
Manufacturer: Advance Chemicals Ltd.
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Section 2 - Hazardous Ingredients

Hazardous Components	%(w/w)	C.A.S. No.	LD ₅₀ & LC ₅₀
2-Butoxy Ethanol	15-30	111-76-2	(oral, rat) 1.48g/kg TLV 25 ppm
2-amino ethanol	2-5	141-43-5	(oral, rat) 10.20g/kg, TLV 3ppm
p-mentha-1-8-diene	1-5	138-86-3	(oral, rat) 4400 mg/kg
Proprietary surfactants	2-5	un-assigned	no data found

Section 3 - Physical Data

Physical state: liquid Boiling point: no data found
Liquid density: 0.994 g/mL Freezing point: no data
pH: 11.80 @ 18°C Solubility in water: 100%
Vapour pressure: no data found Evaporation rate: no data
Odour & Appearance: The product is a clear, bright yellow liquid solution. There is a sweet, organic solvent like odour with a lemon scent above the open liquid.

Section 4 - Fire or Explosion Hazard

Flammability: No data found.
Extinguishing media: Take care not to splash the product. Wear full chemical protective clothing. Use an extinguishing media for surrounding the fire, or all-purpose foam by manufacturer's recommended techniques for large fires. An alcohol type foam or carbon dioxide extinguisher may also be used. Use water to cool fire exposed containers to prevent vapour build-up and rupture. Water may also be used to flush spills away from dangerous exposures.
Unusual Fire & Explosion Hazards: This product may produce a floating fire hazard in unusual and extreme fire conditions.
Hazardous Combustion Products: No data found.

Section 5 - Reactivity Data

Stability: Stable.
Incompatible substances: No data found.
Polymerization: Will not occur.
Conditions to Avoid: No data found.
Hazardous Combustion Products: This product may produce carbon monoxide and/or carbon dioxide gas when burned. Carbon monoxide gas is highly toxic if inhaled, and carbon dioxide in sufficient quantities may act as an asphyxiant. Wear self-contained breathing apparatus.
Materials to Avoid: Avoid contamination with alkalies and acids.

Section 6 - Toxicological Properties

Acute Toxicity: No information available.
Carcinogenicity: No data found.
Inhalation: Irritation of the throat and nasal passages may result from inhaling dust or mists of this product.
Skin contact: Contact with this product solution may cause irritation and burns of the skin.
Eye contact: Irritant. Damage may be delayed and not immediately apparent.
Ingestion: Irritant. May cause pain and severe vomiting, burns of the throat and esophagus, and perforation of the esophagus. May be fatal.

Section 7 - Preventative Measures

Personal Protective Equipment: Avoid contact with skin and eyes. Wear chemical protective gloves, goggles and face shield, rubber apron and boots. Eye wash fountains and safety shower facilities should be provided nearby for emergency use.
Respiratory protection: For vapours and mist, use a high efficiency particulate respirator equipped with a full-face piece. For

concentrations above 20 mg/m³, use a continuous supplied airline respirator with a safety hood.

Ventilation Requirements: This product should be used in a well-ventilated area at all times. If the solution is to be heated or a mist will be generated during product application, then local exhaust ventilation will be necessary.

Action to take for spills & leaks: Wear chemical protective clothing, rubber gloves and suitable respiratory protection. Small spills should be wiped up with absorbent material and disposed of in government approved waste containers. Larger spills should be contained by diking with sand, soil or other absorbent, non-combustible material, then transferred into approved waste containers for proper disposal. Do not allow spilled, or waste product to flow into waterways. Keep product out of sewers, storm drains, surface run-off water and soil. Restrict access to non-protected personnel. Comply with all government regulations on spill reporting, and handling and disposal of waste.

Disposal methods: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, provincial and local regulatory agencies to ascertain proper disposal procedures.

Note: Empty containers can have residues, gasses and mists, and are subject to proper waste disposal as mentioned above.

Storage & Handling Precautions: Warning, harmful or fatal if swallowed. Causes eye, skin and respiratory irritation. Avoid contact with eyes and repeated contact with skin and clothing. Do not ingest. Keep container tightly closed when not in use. Store upright in a cool, dry, well-ventilated place away from incompatible materials. Do not use pressure to empty container. Wash thoroughly after handling. Use with adequate ventilation.

Repair and Maintenance Precautions: Do not cut, grind, weld or drill in, on or near this container.

Section 8 - First Aid Measures

If inhaled: Remove victim to fresh air. Give artificial respiration if not breathing. Get immediate emergency medical attention. Keep patient warm and at rest.

In case of eye contact: Immediately flush eyes with clean water for at least twenty (20) minutes, lifting the upper and lower eyelids to ensure complete flushing action of the eyeball. Get immediate emergency medical attention.

In case of skin contact: Immediately flush skin with plenty of clean running water for at least twenty (20) minutes. Remove contaminated clothing and shoes. Get immediate medical attention. Launder clothes before re-use.

In case of ingestion or swallowing: If victim is conscious, dilute stomach contents by giving large amounts of water or milk. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim. GET IMMEDIATE EMERGENCY MEDICAL ATTENTION.

Section 9 - Preparation Information

"This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*."

Advance Chemicals Ltd expressly disclaims all expressed or implied warranties of merchantability and fitness for a particular purpose with respect to the product provided. The information contained herein is offered only as a guide to the handling of this specific product, and has been prepared in good faith by technically knowledgeable personnel. This MSDS is not intended to be all-inclusive, and the manner and conditions of use may involve other and additional considerations.

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