

# Material Safety Data Sheet

## Section 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** XL Lemon Oil Polish Aerosol  
**Uses:** Lemon oil furniture polish aerosol.  
**Company:** Integra Industries Ltd  
**Address:** 21 Glasgow St  
Dunedin, NZ  
**Telephone:** +64 3 455 6805  
**Email:** [sales@integraindustries.co.nz](mailto:sales@integraindustries.co.nz)  
**Emergency Number:** 0800 764 766  
**National Poison Centre:** 0800 764 766 (0800 POISON)

## Section 2 – HAZARDS IDENTIFICATION

Product is classified as hazardous according to Schedules 1 to 6 of the Hazardous Substance (Minimum Degrees of Hazard) Regulations 2001 of the HSNO Act, 1996.

### HSNO Classifications:

2.1.2A Flammable aerosol 6.1E Acutely toxic 6.3B Mildly irritating to the skin 9.1B Very ecotoxic in the aquatic environment



**Signal Words:** Danger

### Hazard Statements

H222 Extremely flammable aerosol.  
H304 May be harmful if swallowed and enters airways.  
H316 Causes mild skin irritation.  
H319 Harmful to aquatic life with long lasting effects

## Section 3 – COMPOSITION INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS No.	Proportion, % m/m
Naphtha (petroleum), Heavy Alkylate	64742-65-7	10-30
Mineral Oil	8042-47-5	10-30
Hydrocarbon propellant (Propane, Butane)	68476-85-7	30-60
Other ingredients determined to not be hazardous	-	to 100%

## Section 4 – FIRST AID MEASURES

If medical advice is needed, have product container or label at hand.

If exposed or if you feel unwell: Call a POISON CENTER or doctor.

**Eye contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Inhalation:** IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

**Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Where there is risk of vomiting, lean person forward or place on left side to avoid aspiration of product into lungs. Obtain immediate medical attention.

**Skin contact:** Direct contact may cause irritation in sensitive individuals. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

**Notes to physician:** Treat symptomatically and supportively. No specific antidote.

### Section 5 – FIRE-FIGHTING MEASURES

**Specific hazards:** Containers can build up pressure if exposed to heat and/or fire and may explode. Vapours may form an explosive mixture with air. Vapours can travel to a source of ignition and flash back. Will float and can be re-ignited on surface water. Will burn if involved in a fire.

**Further advice:** On burning may emit toxic fumes including those of carbon monoxide and carbon dioxide. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion. Use water spray to keep fire-exposed containers cool.

**Extinguishing media:** For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.  
For large fires, use water spray, fog, or foam. Use water spray to cool fire-exposed containers. Water may be ineffective. Do not discharge extinguishing waters into the aquatic environment.  
Do NOT use straight streams of water.

**Hazchem Code:** 2YE

### Section 6 – ACCIDENTAL RELEASE MEASURES

**Minor spills:** Clean up immediately. Remove all sources of ignition. If safe, damaged cans should be placed in a container outdoors, away from all ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely. Provide ventilation. Wash with water. Spills are extremely slippery.

**Major spills:** Evacuate the spill area. Call the Fire Brigade. Remove all sources of ignition. If safe to do so, prevent spillage from entering drains or water courses. If material enters drains, advise emergency services. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers for disposal. Wash area down with excess water.

**Disposal Statement** Product wastes are considered ecotoxic and should be disposed of in accordance with local legislation. Incineration is suggested. Product containers are also considered wastes of the same class of the contents and should be disposed of in accordance with local legislation.

### Section 7 – HANDLING AND STORAGE

**Handling Precautions:** Read product label before use. This product is highly flammable. Do not use near open flame, or sources of ignition. No smoking. Pressurised container: Do not pierce or burn, even after use.  
Use outdoors or in well-ventilated area. Wear personal protective equipment. Wash hands with soap and water after handling. Wash protective clothing separate to household laundry.

**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50 °C. Store in a well ventilated, cool, dry place. Keep away from heat, sparks, and flame. Store locked up.

### Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:** No value assigned for this specific material. However, exposure standards for constituents;

Material	TWA, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>	Category/Notices
Naphtha (petroleum), heavy alkylate (supplier recommendation)	1200		-
Mineral Oil (mist)	5	10	-
Butane	1900		
Propane	Simple Asphyxiant		

**Additional Information:** Wash hands before eating, drinking and smoking. Do not eat, drink or smoke when using this product.

**Container Disposal:** Pressurised container: Do not pierce or burn, even after use. Recycle empty container if possible. equipment should be explosion-resistant.

**Protective Equipment:** Gloves, safety glasses or chemical goggles are recommended in an industrial environment. If TWA is exceeded, wear an approved respirator with a type A filter.

## Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Clear, pale yellow volatile liquid with a lemon odour.

**pH:** Not applicable.

**Vapour Density:** > 1 (Air =1)

**Vapour Pressure, kPa:** 100-600

**Boiling Point, °C:** Not applicable.

**Melting Point, °C:** Not applicable.

**Specific Gravity:** Not applicable.

**Flash Point, °C:** < 0

**Explosion Limit, % v/v:** LEL 1.2% UEL 9.5%

**Autoignition Temp, °C:** Not applicable.

**Solubility:** Miscible in water. Soluble in common organic solvents.

## Section 10 – STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of use and storage. Not reactive. Avoid oxidisers. Avoid elevated temperatures.

## Section 11 – TOXICOLOGICAL INFORMATION

**Basis for Assessment:** Information given is based on product testing, and/or similar products, and/or components.

**Acute Oral Toxicity:** Low toxicity: LD50 calculated to be > 5000 mg/kg, Rat. May be harmful if swallowed.  
Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis.

**Acute Dermal Toxicity:** Low toxicity: LD50 estimated to be > 5000 mg/kg, Rabbit.

**Acute Inhalation Toxicity:** High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea.

**Skin Irritation:** May cause mild skin irritation. Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.

**Eye Irritation:** Vapours may be irritating to the eye.

**Respiratory Irritation:** Inhalation of vapours or mists may cause irritation to the respiratory system.

**Repeated Dose Toxicity:** Central nervous system: repeated exposure affects the nervous system. May cause damage to organs. Prolonged contact with product may result in irritant contact dermatitis.

**Additional Information:** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

## Section 12 – ECOTOXICITY INFORMATION

**Ecotoxicity:** Very toxic in aquatic environments. Harmful to aquatic life with long lasting effects.

**Bioaccumulation:** Majority of components - Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.

**Container Disposal:** Pressurised container: Do not pierce or burn, even after use. Recycle empty container if possible.

### Section 13 – DISPOSAL CONSIDERATIONS

**Material Disposal:** DO NOT allow wash water from cleaning or process equipment to enter drains.

It may be necessary to collect all wash water for treatment before disposal.

In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.

Where in doubt contact the responsible authority.

Consult State Land Waste Management Authority for disposal.

Discharge contents of damaged aerosol cans at an approved site.

Allow small quantities to evaporate.

DO NOT incinerate or puncture aerosol cans.

Large quantities should be degassed by an aerosol recycler. Do not dispose of large quantities of pressurised aerosols in landfills.

### Section 14 – TRANSPORT INFORMATION

**Transport:** Classified as a dangerous goods according to the NZ Land Transport Rule for road and rail, IMDG for sea, IATA for air.

Class 2.1 should not be loaded on the same vehicle as Classes 1, 3 (where both are in bulk), 4, 5, and 7. They may be loaded with Classes 3, 6, 8, 9, foodstuffs and foodstuff empties.

**Proper Shipping Name:** Aerosols

**UN Number:** 1950

**Dangerous Goods Class:** 2.1

**Subsidiary Risk:** None

**Packing Group:** Not applicable

### Section 15 – REGULATORY INFORMATION

**EPA NZ Hazard Classification:** Aerosols (Flammable) Group Standard HSR002515

### Section 16 – OTHER INFORMATION

This MSDS summarises our best knowledge of the health and safety hazard information. Since we cannot control the conditions under which the product may be used, each user must review this MSDS in the context of how the user intends to use the product.

End of msds.