

# MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING	
<b>Telephone numbers:</b>	(517) 546-4520
<b>Manufacturer/Supplier:</b>	Chem-Trend LP
<b>Product Name:</b>	Lusin® Clean G 300

2. HAZARDS IDENTIFICATION	
<b>Physical State:</b>	Solid
<b>Appearance:</b>	Pellets
<b>Color:</b>	White
<b>Odor:</b>	Light
<b>Principle routes of exposure:</b>	Skin, Eyes, Respiratory system, Gastrointestinal tract
See Toxicological Information (section 11)	

3. COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredient	CAS Registry Number	Weight %
Cleaner blend	Proprietary	90 - 100%

4. FIRST AID MEASURES	
<b>Skin contact:</b>	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
<b>Eye contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes and contact a physician.
<b>Inhalation:</b>	Move to fresh air. If symptoms persist, contact a physician.
<b>Ingestion:</b>	Do not induce vomiting without medical advice. Contact a physician
<b>Aggravated Medical Conditions:</b>	No information available
<b>Notes to physician:</b>	No information available

5. FIRE-FIGHTING MEASURES	
<b>Flash point:</b>	No information available.

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### 5. FIRE-FIGHTING MEASURES

<b>Flame extension test, inches (aerosol products only):</b>	Not applicable or no information available.
<b>Suitable extinguishing media:</b>	Product may burn under severe ignition conditions. Use foam, dry chemical, or carbon dioxide (CO2).
<b>Unusual hazards:</b>	None under normal use.
<b>Special protective equipment for firefighters:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific methods:</b>	Standard procedure for chemical fires.
<b>Explosive properties:</b>	No information available.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Method(s) for cleanup:</b>	
<b>Small spills:</b>	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.
<b>Large spills:</b>	Dam up. Take up mechanically and collect in a suitable properly labelled chemical waste container for disposal.

### 7. HANDLING AND STORAGE

<b>Handling:</b>	
<b>Technical measures/precautions:</b>	Ensure adequate ventilation.
<b>Safe handling advice:</b>	Handle in accordance with good industrial hygiene and safety practice. Normal measures of preventive fire protection. Do not re-use empty containers for other materials.
<b>Storage:</b>	
<b>Technical measures/storage conditions:</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Incompatible products:</b>	Strong oxidizing agents, materials incompatible with water.
<b>Other precautions:</b>	None

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	CAS Registry Number	ACGIH TWA:	OSHA - TWA:	OSHA - Skin Notations	OSHA Z3 Mineral Dusts
Cleaner blend	Proprietary	-	-	-	-

**Engineering measures to reduce exposure:** Ensure adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

#### Personal Protective Equipment

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<b>Respiratory protection:</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>Hand protection:</b>	Impervious gloves
<b>Eye protection:</b>	Tightly fitting safety goggles or safety glasses with side-shields
<b>Skin and body protection:</b>	Lightweight protective clothing. Usual safety precautions while handling the product will provide adequate protection against this potential effect.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Initial boiling point:</b>	Not applicable
<b>Specific gravity:</b>	~1.00
<b>Bulk density (lb/gal):</b>	~8.34
<b>Vapor pressure in mm Hg at 20 °C (68 °F):</b>	Negligible.
<b>Vapor density (air = 1):</b>	Negligible.
<b>Evaporation rate:</b>	Negligible.
<b>Volatiles content (%):</b>	Negligible.
<b>Solubility in water:</b>	Insoluble
<b>pH of concentrate:</b>	Not applicable.
<b>Melting point/range:</b>	>212 °F , >100 °C (DIN ISO 2176)
<b>Flash point:</b>	No information available.
<b>Flammability limits in air:</b>	Not applicable.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable at normal conditions.
<b>Conditions to avoid:</b>	None known
<b>Materials to avoid:</b>	Strong oxidising agents.
<b>Hazardous decomposition products:</b>	Carbon oxides.
<b>Polymerization:</b>	Hazardous polymerisation does not occur.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity****Component Information:**

Ingredient	CAS Registry Number	LD50 Oral	LD50 Dermal	LC50 Inhalation
Cleaner blend	Proprietary	-	-	-

**Acute effects****Product contains proprietary ingredients. Health hazards are listed below.**

<b>Skin contact:</b>	May cause skin irritation.
<b>Eye contact:</b>	May cause eye irritation.
<b>Inhalation:</b>	May cause irritation of respiratory tract
<b>Ingestion:</b>	Ingestion may cause gastrointestinal irritation.
<b>Sensitization:</b>	No information available.
<b>Other effects:</b>	No information available.

**Chronic effects****Carcinogenic effects:**

Ingredient	CAS Registry Number	NTP:	IARC:	OSHA:
Cleaner blend	Proprietary	No	No	No

<b>Mutagenic effects:</b>	No information available
<b>Reproductive toxicity:</b>	No information available
<b>Target organ effects:</b>	No information available.

**12. ECOLOGICAL INFORMATION****Ecotoxicity:** No data available**13. DISPOSAL CONSIDERATIONS****Method(s) of disposal:** Dispose of in accordance with local, state, and federal regulations. This product does not fall under current EPA RCRA definitions of hazardous waste.**US EPA Waste code(s):** None.**14. TRANSPORTATION INFORMATION****IMDG - Marine Pollutants** This product does not contain marine pollutants as classified by the International Maritime Organization.**Emergency Response Guidebook (ERG) No:** No information available

**Lusin® Clean G 300****14. TRANSPORTATION INFORMATION**

Mode of Transportation:	UN/NA ID No:	Proper shipping name:	Technical name:	Hazard Class:		Packing group:
DOT - Non-Bulk	-	Not regulated	-	-		-
DOT - Bulk	-	Not regulated	-	-		-
Canadian TDG	-	Not regulated	-	-		-
ICAO/IATA	-	Not regulated	-	-		-
IMO/IMDG	-	Not regulated	-	-		-

**15. REGULATORY INFORMATION****U.S. Regulations**

**OSHA Hazardous Chemical:** Yes

**Sara Title III****CERCLA/SARA (304) Hazardous Substances and RQs**

Ingredient	CAS Registry Number	Weight %	RQ
Cleaner blend	Proprietary	90 - 100%	-

**SARA (302) Extremely Hazardous Substances and RQs**

Ingredient	CAS Registry Number	Weight %	RQs
Cleaner blend	Proprietary	90 - 100%	-

**SARA (311/312) Classification:**

**Acute health hazard:** Yes  
**Chronic health hazard:** No  
**Fire:** No  
**Sudden release of pressure:** No  
**Reactive:** No

**SARA (313) Toxic Chemicals**

Ingredient	CAS Registry Number	Weight %	SARA (313) List
Cleaner blend	Proprietary	90 - 100%	Not Listed

**International Inventories**

<b>Australia:</b>	All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).
<b>Canada:</b>	This product complies with NDSL
<b>China:</b>	This product complies with CLECS.
<b>Europe:</b>	This product does not comply with EINECS

**15. REGULATORY INFORMATION**

<b>Japan:</b>	This product complies with ENCS/MITI.
<b>Korea:</b>	Listed on ECL.
<b>New Zealand:</b>	This product complies with NEWZ
<b>Philippines:</b>	This product does not comply with PICCS.
<b>United States:</b>	This product complies with TSCA.

**16. OTHER INFORMATION**

**Hazardous Material Information System (USA):**

**Health:** 1      **Flammability:** 0      **Physical hazard:** 0      **Personal Protection code:** B

**National Fire Protection Association (USA):**

**Health:** 1      **Flammability:** 0      **Instability:** 0      **Special Hazards:** None

All revisions are marked with one or more asterisks (\*)

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