

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING	
Telephone numbers:	(517) 546-4520
Manufacturer/Supplier:	Chem-Trend LP
Product Name:	Lusin® Clean G 315

2. HAZARDS IDENTIFICATION	
Physical State:	Solid
Appearance	Pellets
Color:	Light grey
Odor	mild
Principle Routes of Exposure:	Skin, Eyes, Respiratory system, Gastrointestinal tract

3. COMPOSITION/INFORMATION ON INGREDIENTS		
Components	CAS-No.	Weight %
Cleaner blend	-	90 - 100%

4. FIRST AID MEASURES	
Skin contact:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes
Eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
Inhalation:	If symptoms persist, call a physician.
Ingestion:	Do not induce vomiting without medical advice
Aggravated Medical Conditions:	No information available
Notes to physician:	No information available

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5. FIRE-FIGHTING MEASURES

Flash point:	>662 °F , >350°C (Cleveland Open Cup, ASTM D92, ISO 2592, DIN 51376)
Flame extension test, inches (aerosol products only):	Not applicable, no information available.
Suitable extinguishing media:	Product may burn under severe ignition conditions. Use foam, dry chemical, or carbon dioxide (CO ₂).
Unusual hazards:	None reasonably foreseeable
Special protective equipment for fire-fighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Specific methods:	Standard procedure for chemical fires.
Explosive properties:	No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up:	
Small spills:	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.
Large spills:	Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13)

7. HANDLING AND STORAGE

Handling:	
Technical measures/precautions	Ensure adequate ventilation.
Safe handling advice:	Do not re-use empty containers for other materials. Normal measures for preventive fire protection Handle in accordance with good industrial hygiene and safety practice.
Storage:	
Technical measures/storage conditions:	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep at temperature not exceeding 120 °F
Incompatible products:	Strong oxidizing agents.
Other precautions:	None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components	CAS-No.	ACGIH TWA:	OSHA - TWA:	OSHA - Skin Notations	OSHA Z3 Mineral Dusts
Cleaner blend	-	-	-	-	-

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

Personal Protective Equipment

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Initial boiling point:	Not determined
Specific gravity:	1.05
Bulk density (lb/gal):	8.76
Vapor pressure (mm Hg, 20 °C (68 °F)):	Negligible.
Vapor density (Air = 1.0)	Negligible.
Evaporation rate:	Negligible.
Volatiles content (%):	Negligible.
Water solubility:	Insoluble
pH of concentrate:	Not applicable.
Melting point range:	Not applicable >302°F, >150°C (DIN ISO 2176)
Flash point:	>662 °F , >350°C (Cleveland Open Cup, ASTM D92, ISO 2592, DIN 51376)
Flammability limits in air:	Not applicable

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10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions..

Conditions to avoid: None known

Materials to avoid: Strong oxidizing agents

Hazardous decomposition products: Carbon oxides.

Polymerization: Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information:

Components	CAS-No.	LD50 Oral	LD50 Dermal	LC50 Inhalation (Vapor)
Cleaner blend	-	-	-	-

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

Skin contact: May cause skin irritation.
Eye contact: Contact with eyes may cause irritation.
Inhalation: May cause irritation of respiratory tract
Ingestion: Ingestion may cause gastrointestinal irritation.
Sensitization: No information available.
Other effects: No information available.

Chronic effects

Carcinogenic effects:

Components	CAS-No.	NTP:	IARC:	OSHA:
Cleaner blend	-	No	No	No

Mutagenic effects: No information available
Reproductive toxicity: No information available
Target Organ Effects: No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

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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 number: None.

14. TRANSPORT 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

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**Federal Regulations**

OSHA Hazardous Chemical: No

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

Components	CAS-No.	Weight %	RQ
Cleaner blend	-	90 - 100%	-

SARA (302) Extremely Hazardous Substances and RQs

Components	CAS-No.	Weight %	TPQ
Cleaner blend	-	90 - 100%	-

SARA (311/312) Classification:

Acute health hazard: No
Chronic health hazard: No
Fire: No
Sudden Release of Pressure No
Reactive: No

SARA (313) Toxic Chemicals

Components	CAS-No.	Weight %	SARA (313) List
Cleaner blend	-	90 - 100%	Not Listed

International Inventories

Australia:	All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).
Canada:	This product complies with DSL
China:	This product does not comply with CLECS.
Europe:	This product complies with EINECS
Japan:	This product complies with ENCS/MITI.
Korea:	Listed on ECL.
New Zealand:	This product complies with NZIoC
Philippines:	This product does not comply with PICCS.
United States:	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/Not available

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

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