

# MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING	
<b>Telephone numbers:</b>	(517) 546-4520
<b>Manufacturer/Supplier:</b>	CHEM-TREND LP P.O. BOX 860 HOWELL, MI 48844-0860
<b>Product Name:</b>	Lusin® Clean G 410

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

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

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

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### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	Not applicable
<b>Flame extension test, inches (aerosol products only):</b>	Not applicable, no information available.
<b>Suitable extinguishing media:</b>	Product may burn under severe ignition conditions. Use foam, dry chemical, or carbon dioxide (CO <sub>2</sub> ).
<b>Unusual hazards:</b>	None under normal use.
<b>Special protective equipment for fire-fighters:</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>Methods for cleaning up:</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>	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

<b>Handling:</b>	
<b>Technical measures/precautions</b>	Ensure adequate ventilation.
<b>Safe handling advice:</b>	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.
<b>Storage:</b>	
<b>Technical measures/storage conditions:</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep at temperature not exceeding 120 °F
<b>Incompatible products:</b>	Strong oxidizing agents.
<b>Other precautions:</b>	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

<b>Initial boiling point:</b>	Not determined
<b>Specific gravity:</b>	~1.00
<b>Bulk density (lb/gal):</b>	~8.34
<b>Vapor pressure (mm Hg, 20 °C (68 °F)):</b>	Negligible.
<b>Vapor density (Air = 1.0)</b>	Negligible.
<b>Evaporation rate:</b>	Negligible.
<b>Volatiles content (%):</b>	Negligible.
<b>Water solubility:</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>	Not applicable
<b>Flammability limits in air:</b>	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: Yes

**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:** Yes  
**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**

<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 DSL
<b>China:</b>	This product complies with CLECS.
<b>Europe:</b>	This product complies with EINECS
<b>Japan:</b>	This product complies with ENCS/MITI.
<b>Korea:</b>	Listed on ECL.
<b>New Zealand:</b>	This product complies with NZIoC
<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/Not available

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

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