

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Telephone numbers:	(517) 546-4520
Manufacturer/Supplier:	CHEM-TREND LP P.O. BOX 860 HOWELL, MI 48844-0860
Product Name:	Lusin® Clean 1500

2. HAZARDS IDENTIFICATION

Physical State:	Solid
Appearance:	Granular
Color:	Yellowish
Odor:	Mild
Principle routes of exposure:	Skin, eyes, respiratory tract, gastrointestinal tract
See Toxicological Information (section 11)	

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Registry Number	Weight %
Petroleum oil 3	-	5 - 10%
Cleaner blend	Proprietary	90 - 100%

4. FIRST AID MEASURES

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

5. FIRE-FIGHTING MEASURES

Revision number: 0	Page 1 of 7
--------------------	-------------

Lusin® Clean 1500

Flash point:	No information available.
Flame extension test, inches (aerosol products only):	Not applicable or no information available.
Suitable extinguishing media:	Product may burn under severe ignition conditions. Use foam, dry chemical, or carbon dioxide (CO2)
Unusual hazards:	None reasonably foreseeable
Special protective equipment for firefighters:	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

Method(s) for cleanup:	
Small spills:	Soak up with inert absorbent material, then place in a properly labelled chemical waste container.
Large spills:	Dam up. Take up mechanically and collect in a suitable properly labelled chemical waste container for disposal.

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	CAS Registry Number	ACGIH TWA:	OSHA - TWA:	OSHA - Skin Notations	OSHA Z3 Mineral Dusts
Petroleum oil 3	-	-	-	-	-
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.

Lusin® Clean 1500

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):	8.75
Vapor pressure in mm Hg at 20 °C (68 °F):	Negligible.
Vapor density (air = 1):	Negligible.
Evaporation rate:	Negligible.
Volatiles content (%):	Negligible.
Solubility in water:	Insoluble
pH of concentrate:	Not applicable.
Melting point/range:	Not applicable
Flash point:	No information available.
Flammability limits in air:	Not applicable.

Lusin® Clean 1500

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	None known
Materials to avoid:	Strong oxidising agents.
Hazardous decomposition products:	Carbon oxides
Polymerization:	Hazardous polymerisation does not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information:

Ingredient	CAS Registry Number	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum oil 3	-	-	-	-
Cleaner blend	Proprietary	-	-	-

Acute effects

Product contains proprietary ingredients. Health hazards are listed below.

Skin contact:	May cause skin irritation
Eye contact:	May cause eye 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:

Ingredient	CAS Registry Number	NTP:	IARC:	OSHA:
Petroleum oil 3	-	No	No	No
Cleaner blend	Proprietary	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
---------------------	-------------------

Lusin® Clean 1500

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.

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
Petroleum oil 3	-	5 - 10%	-
Cleaner blend	Proprietary	90 - 100%	-

SARA (302) Extremely Hazardous Substances and RQs

Ingredient	CAS Registry Number	Weight %	RQs
Petroleum oil 3	-	5 - 10%	-
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

15. REGULATORY INFORMATION**SARA (313) Toxic Chemicals**

Ingredient	CAS Registry Number	Weight %	SARA (313) List
Petroleum oil 3	-	5 - 10%	Not Listed
Cleaner blend	Proprietary	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 complies 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 NEWZ
Philippines:	This product complies 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

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

Prepared by: Karen M. Kuroda

Revision number: 0

Revision date: 08/05/2009

Review date: 08/12/2009

Print date: 08/12/2009

Disclaimer

16. OTHER INFORMATION

Information presented herein has been compiled from information provided to us by our suppliers and other sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or the use of any product in violation of any patent or in violation of any law or regulation. It is the users' responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of any material supplied by us.