

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: ProGuard 623 SCP

Synonyms: Cutting oil, Metalworking fluid

Company Identification

Lyden Oil Company

3711 LeHarps Road

Youngstown, OH 44515 USA

1-330-792-1100 (For product information)

1-800-362-9410 (For emergencies after
hours) 1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0% Altra Clearcut 2710SCP

CONTAINING:

HAZARDOUS AND/OR REGULATED COMPONENTS

Chemical Name	Amount	CAS Number
OLEFIN SULFIDE	5.0 - 10.0 %	Proprietary

NON-HAZARDOUS COMPONENTS

Chemical Name	Amount	CAS Number
HYDROTREATED PETROLEUM OIL, NAPHTHENIC	70.0 - 80.0 %	64742-52-5
ADDITIVES	10.0 - 25.0 %	Proprietary

(See Section 8 for exposure guidelines) (See

Section 15 for regulatory information)

HAZARDS DISCLOSURE

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
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*                               CAUTION                               *
*
* Prolonged or repeated contact may cause skin or eye irritation. *
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HMIS Rating - Health: 1
 Flammability: 1
 Reactivity: 0

POTENTIAL HEALTH EFFECTS

EYE:

May cause slight irritation.

SKIN:

Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INHALATION:

Irritating vapors may be formed when product is processed at high temperatures.

INGESTION:

Substance may be harmful if swallowed.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN CONTACT FIRST AID:

Wash skin with plenty of soap and water while removing contaminated clothing and shoes. Wash clothing separately before reuse. Get medical attention if irritation develops or persists.

INHALATION FIRST AID:

Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel and get immediate medical attention.

INGESTION FIRST AID:

For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get immediate medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: > 176.7 C (> 350.1 F)

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A UEL:

N/A

EXTINGUISHING MEDIA:

Dry chemical, water spray (fog), carbon dioxide, foam.

FIRE & EXPLOSION HAZARDS:

Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure or pressure buildup.

FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

COMBUSTION PRODUCTS:

Oxides of carbon, and sulfur are potential combustion products. Trace amounts of hydrogen sulfide may also be released.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment.

INITIAL CONTAINMENT:

Contain spilled material with dikes or absorbents. Do not allow material to enter soil or surface water. Eliminate all sources of ignition - heat, sparks, flame, electricity, and impact.

LARGE SPILLS PROCEDURE:

Absorb spill with inert material (e g, dry sand or earth), then place in a chemical waste container. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. Do not flush to sewer.

SMALL SPILLS PROCEDURE:

Absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

'Empty' containers retain product residue (liquid and/or vapor) and can be dangerous.

STORAGE PRECAUTIONS:

Store in a cool dry place. Store in a tightly closed container.

MISCELLANEOUS:

All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

If user operations generate mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

EYE / FACE PROTECTION REQUIREMENTS:

When splashing of the material may occur, chemical goggles and/or a face shield are recommended.

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination. When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material.

RESPIRATORY PROTECTION REQUIREMENTS:

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

EXPOSURE GUIDELINES:

No Information Available.

MISCELLANEOUS:

Mineral oil: ACGIH TWA 5 mg/cubic meter (mist).

Mineral Oil: OSHA PEL TWA: 5 mg/cubic meter (mist).

Olefin Sulfide: TWA: 1 mg/cubic meter.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM	:	Liquid
COLOR	:	Dark Amber
ODOR	:	Sulfur Odor
SOLUBILITY IN WATER ...:	:	Nil
PH	:	n/a

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents.

DECOMPOSITION:

Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.
Trace amounts of hydrogen sulfide may also be released.

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. This product is not considered a hazardous waste under RCRA 40 CFR 261.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL : ProGuard 623 SCP
D.O.T. SHIPPING NAME ...: Not Regulated by DOT

15. REGULATORY INFORMATION

REGULATORY DISCLOSURES:

Statement regarding chlorinated paraffin: The specific chlorinated paraffin included in this product has not been tested or proven to cause adverse health effects. Other chlorinated paraffins have been tested and show evidence of carcinogenicity in laboratory animals via ingestion.

16. OTHER INFORMATION

APPROVAL DATE : January 14, 2004
SUPERCEDES DATE ...: May 16, 2002
RTN NUMBER : 00310130 (Official Copy)

The data in this Material Safety Data Sheet relates only to the specific material designated herein. Disclaimer: Lyden Oil Company, Inc. believes this information is accurate but not all-inclusive in all circumstances. It is the responsibility of the user to determine suitability of the material for their purposes. No warranty, expressed or implied, is given, except that it is accurate to the best knowledge of Lyden Oil Company. Lyden Oil Company assumes no legal responsibility for use or reliance upon these data.

*****END OF MSDS*****