



Safety Data Sheet

Lyden Oil Company

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PROGUARD C.S. Steel Mill Grease #2 (S)

SDS Number: 61203-2-220

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD C.S. Steel Mill Grease #2 (S)
Revision Date: 11/25/2015
SDS Number: 61203-2-220
Common Name: Timken Steel Mill Grease, Summer
CAS Number: Blend
Product Code: 61203-2-220
Synonyms: Timken Steel Mill Grease, Summer

Company Identification:

Manufactured for:
LYDEN OIL COMPANY
3711 LeHarps Road
Youngstown, OH 44515

For Product Information: 1-330-792-1100
For Emergencies: 1-800-424-9300
CHEMTREC: 1-800-424-9300 or 1-703-527-3887

2 HAZARDS IDENTIFICATION

Signal Word: **None**

Hazard Classes/Categories: None

Hazard Statement(s): None

Precaution Statement(s):
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.

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Other Hazard Statement(s):

-NFPA Ratings:

Health = 0

Fire = 1

Reactivity = 0

3 COMPOSITION / INFORMATION ON INGREDIENTSIngredients:*Mixture of the substances listed below with nonhazardous additions.*

Chemical Name	CAS Number	Percentage
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	25-50
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	25-50
C10-C16 Alkylbenzenesulfonic Acid calcium salt	68584-23-6	2.5-10
Calcium Carbonate	471-34-1	2.5-10
Ethylene Propylene Copolymer	25038-36-2	1-2.5
Molybdenum Disulfide	1317-33-5	1-2.5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.*4** FIRST AID MEASURESDescription of First Aid Measures:

Inhalation:

Remove person to fresh air and keep comfortable breathing. Call a POISON CENTER and consult medical attention if you feel unwell.

Skin Contact:

Wash with plenty of water, if skin irritation occurs: get medical attention. Remove contaminated clothing and wash before reuse.

Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

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Ingestion:

Rinse mouth with water. If symptoms develop, obtain medical attention.

Symptoms and Effects, both acute and delayed:

No further relevant data available.

Recommended Actions:

Treat symptomatically. Call a doctor or poison control center for guidance.

5 FIRE FIGHTING MEASURES

Recommended Fire-Extinguishing Equipment:

Use fire-fighting measures and equipment suitable for the environment.

Possible Hazards During a Fire:

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.

Recommendations to Firefighters:

No special measures required.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid contact with skin and eyes.

Emergency Procedures:

Contain spilled material, collect in suitable and properly labeled containers.

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Environmental Precautions:

Do not allow to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter ground waters.

Cleanup Procedures:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

7 HANDLING AND STORAGE

Handling Precautions:

Avoid prolonged or repeated contact with skin.
Avoid inhaling vapour and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Do not cut, weld, drill, grind, braze, or solder container.
Keep away from sources of ignition.

Storage Requirements:

Keep container tightly closed and in a cool, well-ventilated area. Keep away from sources of ignition.
Store locked up.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

-64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic (25-50%):

ACGIH TLV – Long-term value: 5mg/m³

OSHA PEL – Long-term value: 5mg/m³

-64742-52-5 Distillates (petroleum), hydrotreated heavy naphthenic (25-50%):

ACGIH TLV – Short-term value: 10mg/m³

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Long-term value: 5mg/m³
OSHA PEL – Long-term value: 5mg/m³

-471-34-1 Calcium Carbonate (2.5-10%):

PEL - Long-term value: 15mg/m³ (total dust), 5mg/m³ (respirable fraction)
REL - Long-term value: 10mg/m³ (total dust), 5mg/m³ (respirable fraction)
TLV – withdrawn

-25038-36-2 Ethylene Propylene Copolymer (1-2.5%):

OSHA PEL – Long-term value: 5mg/m³
OSHA PEL TWA – Long-term value: 15mg/m³ (total dust)

-1317-33-5 Molybdenum Disulphide (1-2.5%):

PEL - Long-term value: 15mg/m³ (total dust)
TLV - Long-term value: 10mg/m³ (inhalable fraction), 3mg/m³ (respirable fraction)

Engineering Controls:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
Use safety glasses and gloves.

9	PHYSICAL AND CHEMICAL PROPERTIES
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Color:	Grey
Physical State:	Semi-solid
Odor:	Petroleum-like
Odor Threshold:	Data not available
pH:	Data not available

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Melting Point:	Data not available
Boiling Point:	370° C / 698° F
Boiling Range:	Data not available
Flash Point:	255° C / 491° F
Evaporation Rate:	Data not available
Flammability:	Data not available
Flammability Limits:	Data not available
Vapor Pressure:	Data not available
Vapor Density:	Data not available
Relative Density:	10.626 pounds per gallon
Solubilities:	Insoluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	Data not available

10 STABILITY AND REACTIVITYStability:

Stable under normal conditions.

Reactivity:

Not reactive under normal conditions.

Conditions to Avoid:

No further relevant information available.

Hazardous Reactions:

No known hazardous reactions.

Incompatible Materials:

No further relevant information available.

Decomposition Products:

Hazardous decomposition products are not expected to form.

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11 TOXICOLOGICAL INFORMATION

Routes of Exposure:

Skin and eye contact are the primary routes of exposure although exposure may occur following accidental ingestion.

Exposure Effects:

Repeated skin contact may cause dermatitis or an oil acne.

Measures of Toxicity:

Acute Toxicity Estimates:

Oral LD50: 36430 mg/kg (rat)
Inhalative LC50: 1100 mg/l (4 hours)

Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

12 ECOLOGICAL INFORMATION

Ecological Precautions:

Avoid exposing to the environment.

Ecological Effects:

No specific environmental or aquatic data available.

13 DISPOSAL CONSIDERATIONS

Disposal Methods:

Dispose of waste material in accordance with all local, state, and federal requirements.

Disposal Containers:

Use properly approved container for disposal.



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Special Precautions:

Do not flush to surface waters or drains.

14 TRANSPORT INFORMATION

<u>UN Number:</u>	Data not available
<u>UN Shipping Name:</u>	Data not available
<u>Transport Hazard Class:</u>	Data not available
<u>Packing Group:</u>	Data not available

Environmental Hazards:

Data not available

Bulk Transport Guidance:

Data not available

Special Precautions:

Not regulated by DOT.

15 REGULATORY INFORMATION

This material and all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act.

16 OTHER INFORMATION

Last Revision Date: 11/25/2015

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