



Safety Data Sheet

Lyden Oil Company

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PROGUARD SPARKUT Additive

SDS Number: 804014

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| 1 | PRODUCT AND COMPANY INFORMATION |
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Product Name: PROGUARD SPARKUT Additive
Revision Date: 04/01/2016
SDS Number: 804014
Common Name: Sulfurized Hydrocarbon
CAS Number: Blend
Product Code: 804014
Synonyms: Active Sulfur EP Additive

Company Identification:

Manufactured for:
LYDEN OIL COMPANY
3711 LeHarps Drive
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

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| 2 | HAZARDS IDENTIFICATION |
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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 = 1

Fire = 1

Reactivity = 0

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

| Chemical Name | CAS Number | Percentage |
|----------------------|------------|------------|
| 1-Decene, sulfurized | 72162-15-3 | 100 |

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 victim to fresh air and keep at rest in a position comfortable for breathing. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give oxygen with rescue breathing or CPR as required and transport to the nearest medical facility.

Skin Contact:

Flush skin with water, wash with soap and water. Remove contaminated clothing. Do not reuse clothing until cleaned. If material is injected under the skin, transport to the nearest medical facility for additional treatment.

Eye Contact:

Flush eyes with running water for at least 15 minutes. If redness, blurred vision or irritation persists, transport to nearest medical facility for additional treatment.

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Ingestion:

Do NOT induce vomiting and obtain medical attention. Have victim rinse mouth out with water. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

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.

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| 5 | FIRE FIGHTING MEASURES |
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Recommended Fire-Extinguishing Equipment:

Use dry powder, foam, or carbon dioxide fire extinguishers. Water may be ineffective in fighting an oil fire unless used by experienced fire fighters.

Possible Hazards During a Fire:

Procedures for an oil fire should be followed.

Recommendations to Firefighters:

Use self-contained breathing apparatus. Use foam or dry chemical to extinguish fire. Water may be used only to keep surrounding containers cool. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

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6 ACCIDENTAL RELEASE MEASURESPersonal Precautions:

Avoid eye contact. Avoid repeated or prolonged skin contact.

Personal protective equipment must be worn. Avoid contact with skin, eyes or clothing. Keep unprotected persons away.

Emergency Procedures:

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

Environmental Precautions:

Do not allow to reach sewage system or any water course.

Do not allow to enter ground waters.

Cleanup Procedures:

Pick up excess with inert absorbant material.

7 HANDLING AND STORAGEHandling Precautions:

Handle with care and avoid spillage on the floor. Do not cut, weld, drill, grind, braze, or solder container.

Storage Requirements:

Keep container tightly sealed.
Keep away from sources of ignition.

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8 EXPOSURE CONTROLS / PERSONAL PROTECTIONExposure Limits:

-1-Decene, sulfurized:

OSHA TWA – 5mg/m³ (oil mist)Engineering Controls:

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

Personal Protective Equipment:

Keep away from foodstuffs, beverages, and feed. Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with eyes and skin.
Use safety glasses and gloves.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|--------------------|
| Color: | Dark-Brown |
| Physical State: | Liquid |
| Odor: | Characteristic |
| Odor Threshold: | Data not available |
| pH: | Data not available |
| Melting Point: | Data not available |
| Boiling Point: | >500° F |
| Boiling Range: | Data not available |
| Flash Point: | 400° F |
| Evaporation Rate: | <1 |
| Flammability: | Data not available |
| Flammability Limits: | Data not available |
| Vapor Pressure: | Data not available |
| Vapor Density: | Data not available |
| Relative Density: | 1.068 |
| Solubilities: | Insoluble in water |
| Partition Coefficient: | Data not available |
| Auto-Ignition Temperature: | Data not available |

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Decomposition Temperature: Data not available
Viscosity: 60 mm²/sec (kinematic at 40° C)

10 STABILITY AND REACTIVITYStability:

Stable under normal conditions.

Reactivity:

Not reactive under normal conditions.

Conditions to Avoid:

Extreme temperature, sparks, open flame, and direct sunlight.

Hazardous Reactions:

No known hazardous reactions.

Incompatible Materials:

Strong oxidizers and strong reducing agents.

Decomposition Products:

Oxides of carbon, sulfur, and hydrogen.

11 TOXICOLOGICAL INFORMATIONRoutes of Exposure:

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

Exposure Effects:

This mixture can cause irritation, redness to the eyes. Prolonged and/or repeated skin contact may cause irritation/dermatitis. May be fatal if swallowed and enters airways. Aspiration hazard. Mists and vapors may cause respiratory irritation ,drowsiness and dizziness.

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Measures of Toxicity:

No test data available.

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.

Special Precautions:

Do not flush to surface waters or drains.

14 TRANSPORT INFORMATION

UN Number: Data not available

UN Shipping Name: Data not available

Transport Hazard Class: Data not available

Packing Group: Data not available

Environmental Hazards:

Data not available



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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: 04/01/2016

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