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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps To Be Taken in Case Material is Released for Spilled:**

- Clean spill with absorbent material
- Eliminate ignition sources
- Do not store oily materials in enclosed containers for long periods of time
- Wear gloves, goggles and gas mask if TWA's are exceeded.

**Waste Disposal Methods:**

Dispose of waste in a chemical landfill as approved by current local, state and federal laws and regulations.

**Precautions to be Taken in Handling and Storing:**

Protect from physical damage. Store in a cool, dry, ventilated area away from acids, alkalis, and open flames.

**Other Precautions:**

None

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**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:**

Use NIOSH approved organic respirator if TWA/TLV limits are exceeded.

**Ventilation:**

- Local Exhaust - Use to maintain levels below TWA limits.
- Mechanical - Use non sparking equipment.

**Special:**

None

**Other:**

None

**Protective Gloves:**

Chemical resistant gloves

**Eye Protection:**

Wear safety glasses or goggles

**Other Protective Equipment or Practices:**

None

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**INFORMATION ON THIS FORM IS FURNISHED SOLELY FOR THE PURPOSE OF COMPLIANCE WITH OSHA'S HAZARD COMMUNICATION STANDARD, 29CFR 1910.1200 AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.**

**(SIMILAR TO OSHA FORM 174)**

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SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA

Flash Point (Method Used): 550°F (C.O.C.)

Flammable Limits:

LEL - Not determined for product

UEL- Not determined for product

Extinguishing Media: CO<sub>2</sub>, Foam, Dry Chemical or Halon

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus. Do not extinguish with water.

Unusual Fire and Explosion Hazards:

None

SECTION V - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Open flame

Incompatibility (Materials to Avoid):

Strong oxidizing agents

Hazardous Decomposition Products:

Irritating and/or toxic fumes including Oxides of Carbon may be released.

Hazardous Polymerization: Will not occur

Conditions to Avoid: None

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not determined for product, see Section II.

Route(s) of Entry:

Inhalation? No

Skin? Yes

Ingestion? Yes

## TOXICITY (ACUTE AND CHRONIC):

Synthetic oils may cause skin and eye irritation.

CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

## HEALTH HAZARDS:

Eyes - can cause irritation , redness, blurred vision.

Skin - prolonged contact can cause irritation and dermatitis.

Ingestion - can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

## EMERGENCY AND FIRST AID:

Skin - wash with soap and water.

eyes - flush with copious amounts of water, get medical attention.

Ingestion - do not induce vomiting, keep warm, get medical attention.

# MATERIAL SAFETY DATA SHEET

LONE STAR LUBRICANTS  
2232 MONEDA ST.  
FORT WORTH, TX 76117-5310  
(817) 831-2522 Fax (817) 834-0447

## SECTION I

IDENTITY (AS USED ON LABEL): LS-1023 Oven Chain Fluid  
CHEMICAL NAMES AND SYNONYMS: Synthetic Oil  
CHEMICAL FAMILY: Not applicable  
FORMULA: Complex mixture  
DATE PREPARED: March 15, 1999  
INFORMATION OR EMERGENCY PHONE: (817) 831-2522  
PREPARED BY: CHEMICAL COMMUNICATIONS COORDINATOR  
LONE STAR LUBRICANTS, 2232 Moneda St. Ft. Worth, TX 76117

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## HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

HEALTH: 0  
FLAMMABILITY: 1  
REACTIVITY: 0  
SPECIAL NOTICE: -

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## SECTION II - HAZARDOUS COMPONENTS

## CONCENTRATIONS

Synthetic Oil:  
ACGIH TLV: 5 mg/m<sup>3</sup> (as oil mist)  
OSHA PEL: 5 mg/m<sup>3</sup> (as oil mist) Trade  
Secret

This product is not considered hazardous by the OSHA Hazard Communication Standard, 29CFR1910.1200.

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## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >650oF  
Density (lb/gal): 8.33  
Vapor Pressure (m Hg.): Not available  
Melting Point: Not available  
Vapor Density (AIR=1): Not available  
Evaporation Rate: Not available  
(Butyl Acetate = 1)  
Solubility in Water Nil  
Appearance and Odor: Clear liquid, mild odor  
Volatile Organic Compound -  
Voc (grams/liter): Not applicable