

Safety Data Sheet: LOK-CEASE 20/20

Supersedes Date 04/30/2013

Issuing Date 09/12/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name LOK-CEASE 20/20
Recommended use Lubricant
Information on Manufacturer
CERTIFIED LAB PRODUCTS
239 ORENDA ROAD
BRAMPTON ONT L6T 1E6

Product Code 12042735
Chemical nature Petroleum distillates mixture
Emergency Telephone Number

Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color White

Physical State Grease

Odor Oily

GHS

Classification

Physical Hazards

None

Health Hazard

Serious Eye Damage/Eye Irritation

Category 2B

Other hazards

None

Labeling

Signal Word

WARNING

Hazard Statements

H320 - Causes eye irritation

Precautionary Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.

10 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Component | CAS-No | Weight % |
|--------------------------------------|------------|----------|
| White mineral oil, solvent refined | 8042-47-5 | 40-70 |
| Calcium carbonate | 1317-65-3 | 10-30 |
| Aluminum benzoate fatty acid complex | 82980-54-9 | 7-13 |
| Zinc oxide | 1314-13-2 | 7-13 |

4. FIRST AID MEASURES

General advice

Avoid contact with skin, eyes and clothing. Avoid breathing mist.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin Contact

Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

Inhalation

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion

Do NOT induce vomiting. Drink 1 or 2 glasses of water. Get medical attention if symptoms occur.

Notes to physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point Does not flash

Method Not applicable

Flammability Limits in Air % No information available.

Upper No data available Lower No data available

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO2). Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

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

| | | | |
|------|----------|----------------|---------------|
| NFPA | Health 1 | Flammability 1 | Instability 0 |
| HMIS | Health 1 | Flammability 1 | Instability 0 |

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------------|--|
| Personal Precautions | Use personal protective equipment. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions. |
| Environmental Precautions | Do not flush into surface water or sanitary sewer system. |
| Methods for Containment | Contain spillage, soak up with non -combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). |
| Methods for Cleaning Up | Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust) |
| Neutralizing Agent | Not applicable. |

7. HANDLING AND STORAGE

| | | | | |
|----------------------------|---|---------------|----------------|-----------------------------------|
| Handling | Avoid contact with skin, eyes and clothing. Avoid breathing mist. | | | |
| Storage | Store in original container. Keep container tightly closed in a dry and well -ventilated place. | | | |
| Storage Temperature | Minimum | 0 °F / -18 °C | Maximum | 120 °F / 49 °C |
| Storage Conditions | Indoor | X | Outdoor | Heated Refrigerated |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines**

| Component | ACGIH TLV | OSHA PEL | NIOSH |
|------------------------------------|--|---|---|
| White mineral oil, solvent refined | 5 mg/m ³ | 5 mg/m ³ | STEL 10 mg/m ³ TWA: 5 mg/m ³ |
| Calcium carbonate | No data available | TWA: 15 mg/m ³ TWA: 5 mg/m ³ | TWA: 10 mg/m ³ TWA: 5 mg/m ³ |
| Zinc oxide | TWA: 2 mg/m ³ STEL: 10 mg/m ³ | TWA: 5 mg/m ³ TWA: 15 mg/m ³ | 500 mg/m ³ Ceiling: 15 mg/m ³ STEL 10 mg/m ³ TWA: 5 mg/m ³ |

| | |
|---------------------------------------|---|
| Engineering Measures | Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. |
| Personal Protective Equipment | |
| Eye/Face Protection | Safety glasses with side-shields. |
| Skin Protection | For prolonged or repeated contact, use protective gloves with appropriate chemical resistance. |
| Respiratory Protection | In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. |
| General Hygiene Considerations | Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re -use. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------------------------|---------------------------|----------------------------------|---|
| Physical State | Grease | Viscosity | Semi-Solid |
| Color | White | Odor | Oily |
| Odor Threshold | Not applicable | Appearance | Opaque |
| pH | Not applicable | Specific Gravity | 0.98 |
| Evaporation Rate | 0 (Butyl acetate=1) | Percent Volatile (Volume) | 0 |
| VOC Content (%) | 0 | VOC Content (g/L) | 0 |
| Vapor Pressure | <0.01 mmHg @ 70°F | Vapor Density | 0 (Air = 1.0) |
| Solubility | Negligible | n-Octanol/Water Partition | No data available |
| Melting Point/Range | No data available | Decomposition Temperature | No data available |
| Boiling Point/Range | No data available | Flammability (solid, gas) | No data available |
| Flash Point | Does not flash | Method | Not applicable |
| Autoignition Temperature | No information available. | | |
| Flammability Limits in Air % | No information available. | Upper | No data available Lower No data available |

10. STABILITY AND REACTIVITY

Chemical Stability
 Conditions to Avoid
 Incompatible Products
 Hazardous Decomposition Products
 Possibility of Hazardous Reactions

Stable. Hazardous polymerization does not occur.
 None known
 Strong oxidizing agents, Strong acids.
 Carbon oxides, Zinc oxide fumes, Fumes of aluminum.
 None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50 No information available
 Dermal LD50 No information available
 Inhalation LC50
 Gas No information available
 Mist No information available
 Vapor No information available

Principle Route of Exposure Eye contact, Skin contact.

Primary Routes of Entry Inhalation

Acute Effects

Eyes Causes eye irritation.
 Skin May cause skin irritation.
 Inhalation May cause irritation of respiratory tract.
 Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity

Prolonged or repeated contact may dry skin and cause irritation.

Target Organ Effects

Respiratory system, Eyes, Skin, Central nervous system.

Aggravated Medical Conditions

Respiratory disorders, Skin disorders, Neurological disorders.

Component Information

Acute Toxicity

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation | Draize Test | Other |
|------------------------------------|----------------------|-------------------------|------------------------|-------------------|-------------------|
| White mineral oil, solvent refined | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | = 2062 ppm (Rat) 4 h | no data available | no data available |
| Calcium carbonate | = 6450 mg/kg (Rat) | no data available | no data available | no data available | no data available |
| Zinc oxide | > 5000 mg/kg (Rat) | no data available | no data available | no data available | no data available |

| Component | Mutagenicity | Sensitization | Developmental Toxicity | Reproductive Toxicity | Target Organ Effects |
|-------------------|-------------------|-------------------|------------------------|-----------------------|--------------------------------|
| Calcium carbonate | no data available | no data available | no data available | no data available | eyes, respiratory system, skin |
| Zinc oxide | no data available | no data available | no data available | no data available | respiratory system, CNS |

Carcinogenicity

There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

| Component | Toxicity to Algae | Toxicity to Fish | Microtox | Water Flea | log Pow |
|------------------------------------|-------------------|--|-------------------|-------------------|---------|
| White mineral oil, solvent refined | no data available | LC50 > 10000 mg/L Lepomis macrochirus 96 h | no data available | no data available | 6.006 |

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of in accordance with local regulations.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated
 IATA Not regulated
 IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories

TSCA Complies
 DSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Component | CAS-No | Weight % | SARA 313 - Threshold Values |
|------------|-----------|----------|-----------------------------|
| Zinc oxide | 1314-13-2 | 7-13 | 1.0 |

SARA 311/312 Hazardous Categorization

| Acute Health Hazard | Chronic Health Hazard | Fire Hazard | Sudden Release of Pressure Hazard | Reactive Hazard |
|---------------------|-----------------------|-------------|-----------------------------------|-----------------|
| Yes | No | No | No | No |

CERCLA

16. OTHER INFORMATION

Prepared By Rachael Mohochi
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 Reason for Revision No information available.
 Glossary No information available.
 List of References. No information available.

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