

# Safety Data Sheet LOK-CEASE 20/20

Supersedes Date: 08/25/2020

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** LOK-CEASE 20/20  
**Recommended use** Lubricant  
**Information on Manufacturer**  
CERTIFIED LABS, DIV. OF NCH CORP.  
BOX 152170  
IRVING, TEXAS 75015

**Product Code:** J250  
**Chemical nature** Petroleum distillates Mixture  
**Emergency Telephone**  
CHEMTREC® 800-424-9300  
**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.  
P501 - Dispose of contents and container in accordance with applicable regulations

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

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Zinc oxide	1314-13-2	7-13

\*The exact percentage (concentration) of composition has been withheld as a trade secret

## 4. FIRST AID MEASURES

**General advice**

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

**Eye Contact**

Rinse the eyes with water. Remove any contact lenses and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops.

**Skin Contact**

No hazards which require special first aid measures.

**Inhalation**

No hazards which require special first aid measures.

**Ingestion**

No hazards which require special first aid measures.

**Notes to physician**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Flash Point** 428.8 °F / 220 °C

**Method** No data available

**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. Foam. 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, NOHSC (approved or equivalent) and full protective gear.

**NFPA**

**Health** 1

**Flammability** 1

**Instability** 0

**HMIS**

**Health** 1

**Flammability** 1

**Physical Hazard** 0

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
<b>Environmental precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for Containment</b>	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).
<b>Methods for Cleaning Up</b>	Pick up and transfer to properly labeled containers.
<b>Neutralizing Agent</b>	Not applicable.

## 7. HANDLING AND STORAGE

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

Chemical name	CAL/OSHA PEL	ACGIH TLV	OSHA PEL	NIOSH
Zinc oxide	No data available	TWA: 2 mg/m <sup>3</sup> respirable particulate matter STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> fume TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction	500 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> dust and fume

**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.

### 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

<b>Physical state</b>	Grease	<b>Viscosity</b>	Semi-Solid
<b>Color</b>	White	<b>Odor</b>	Oily
<b>Odor Threshold</b>	Not applicable	<b>Appearance</b>	Opaque
<b>pH</b>	Not applicable	<b>Specific Gravity</b>	1.07
<b>Evaporation Rate</b>	0 (Butyl acetate=1)	<b>Percent Volatile (Volume)</b>	0
<b>VOC Content (%)</b>	0	<b>VOC Content (g/L)</b>	0
<b>Vapor pressure</b>	<0.01 mmHg @ 70°F	<b>Vapor Density</b>	0 (Air = 1.0)
<b>Solubility</b>	Negligible	<b>n-Octanol/Water Partition</b>	No data available
<b>Melting Point/Range</b>	No data available	<b>Decomposition Temperature</b>	No data available
<b>Boiling Point/Range</b>	No data available	<b>Flammability (solid, gas)</b>	No data available
<b>Flash Point</b>	428.8 °F / 220 °C	<b>Method</b>	No data available
<b>Autoignition Temperature</b>	No information available.		
<b>Flammability Limits in Air %:</b>	No information available.	<b>Upper:</b>	No data available
		<b>Lower:</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Products</b>	Strong oxidizing agents, Strong acids.
<b>Decomposition Temperature</b>	No data available
<b>Hazardous Decomposition Products</b>	Carbon oxides, Zinc oxide fumes, Fumes of aluminum.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

**Product Information**      No information available.

The following values are calculated based on chapter 3.1 of the GHS document

<b>Oral LD50</b>	No information available
<b>Dermal LD50</b>	No information available
<b>Inhalation LC50</b>	
<b>Gas</b>	No information available
<b>Mist</b>	No information available
<b>Vapor</b>	No information available

**Principle Route of Exposure**      Eye contact, Skin contact.

**Primary Routes of Entry**      Skin contact.

**Acute Effects:**

<b>Eyes</b>	Causes eye irritation.
<b>Skin</b>	Low hazard for usual industrial or commercial handling.
<b>Inhalation</b>	Low hazard for usual industrial or commercial handling.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Chronic Toxicity</b>	Prolonged or repeated contact may dry skin and cause irritation.
<b>Target Organ Effects:</b>	Respiratory system.
<b>Aggravated Medical Conditions</b>	Respiratory disorders.

## Component Information

**Acute Toxicity**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Zinc oxide 1314-13-2	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	> 5700 mg/m <sup>3</sup> ( Rat ) 4 h	No data available	No data available

**Chronic Toxicity**

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Zinc oxide 1314-13-2	No data available	No data available	No data available	No data available	Respiratory system

**Carcinogenicity**

There are no known carcinogens in this product.

**12. ECOLOGICAL INFORMATION**

Product Information No information available.

<b>Persistence and Degradability</b>	No information available
<b>Bioaccumulation</b>	No information available
<b>Mobility</b>	No information available

Additional Ecological Information: No information available

## Component Information

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Zinc oxide	No information available.	LC50 = 1.55 mg/L Danio rerio 96 h	No information available	No information available.	N/A

<b>Persistence and Degradability</b>	No information available.
<b>Bioaccumulation</b>	No information available.
<b>Mobility</b>	No information available.

**13. DISPOSAL CONSIDERATIONS**

<b>Product Disposal</b>	Dispose of in accordance with local regulations.
<b>Container Disposal</b>	Empty containers should be taken for local recycling, recovery, or waste disposal.

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

**15. REGULATORY INFORMATION**

## Inventories

<b>TSCA</b>	Listed
<b>DSL / NDSL</b>	Listed
<b>U.S. Federal Regulations</b>	

**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:

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values
Zinc oxide	1314-13-2	7-13	1.0

**SARA 311/312 Hazardous Categorization**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**CERCLA**

None

**16. OTHER INFORMATION**

<b>Prepared By</b>	Kim Franklin
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<b>Glossary</b>	No information available.
<b>List of References.</b>	No information available.

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