

# SAFETY DATA SHEET CHAINMASTER

Supersedes Date: 09/30/2022

Issuing Date: 05/14/2025

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** CHAINMASTER

**Recommended use** The Environmental Protection Agency prohibits processing and distribution of this chemical/product for any use other than: lubricants and greases. In addition, all persons are prohibited from releasing PIP (3:1) to water during manufacturing, processing, and distribution in commerce, and must follow all existing regulations and best practices to prevent the release of PIP (3:1) to water during the commercial use of PIP (3:1).

**Information on Manufacturer**

CERTIFIED LABS, DIV. OF NCH CORP.  
BOX 152170  
IRVING, TEXAS 75015

**Product Code:** 518J

**Chemical nature** Esters

**Emergency Telephone**

CHEMTREC® 800-424-9300  
**Telephone inquiry**  
972-579-2477

## 2. HAZARD IDENTIFICATION

**Color** Straw - Amber

**Appearance** Transparent - Hazy

**Physical state** Liquid

**Odor** Fatty odor

**GHS**

**Classification**

**Physical Hazards**

None

**Health Hazard**

Reproductive toxicity

Specific target organ toxicity (repeated exposure)

Category 2

Category 2

**Hazards not otherwise classified (HNOC)**

Not applicable

**Labeling**

**Signal word**

**Warning**



**Hazard statements**

Suspected of damaging fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**

Do not handle until all safety precautions have been read and understood.

Do not breathe vapors, spray or mist.

Wear protective gloves, protective clothing, eye protection and face protection..

IF exposed or concerned: Get medical advice/attention.

Dispose of contents and container in accordance with applicable regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Phenol, isopropylated phosphate (3:1)	68937-41-7	1-5

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

## 4. FIRST AID MEASURES

**General advice**

Show this safety data sheet to the doctor in attendance.

**Eye contact**

No hazards which require special first aid measures.

**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.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Flash Point** Does not flash  
**Flammability Limits in Air %:** Not applicable.  
**Method** Not applicable  
**Upper flammability limit:** No information available  
**Lower flammability limit:** No information available

**Suitable Extinguishing Media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. 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, NOHSC (approved or equivalent) and full protective gear.

**NFPA** Health hazards 1 **Flammability** 0 **Stability** 0  
**HMIS** Health hazards 1 **Flammability** 0 **Physical Hazard** 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Use personal protective equipment. 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** Pick up and transfer to properly labeled containers.  
**Neutralizing Agent** Not applicable.

## 7. HANDLING AND STORAGE

**Handling** Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.  
**Storage** Store in original container. Keep containers tightly closed in a dry, cool 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** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.  
**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>	Liquid	<b>Kinematic viscosity</b>	Slightly viscous
<b>Color</b>	Straw - Amber	<b>Odor</b>	Fatty odor
<b>Odor threshold</b>	Not applicable	<b>Appearance</b>	Transparent - Hazy
<b>pH</b>	Not applicable	<b>Specific Gravity</b>	0.901
<b>Evaporation Rate</b>	0 (Butyl acetate=1)	<b>Percent Volatile (Volume)</b>	1.5
<b>VOC content</b>	0	<b>VOC Content (g/L)</b>	0
<b>Product VP (mmHg @ 70°F)</b>	No data available	<b>Relative vapor density</b>	13.0 (air = 1)
<b>Solubility(ies)</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>Initial boiling point and boiling range</b>	> 680 °F / > 360 °C	<b>Flammability (solid, gas)</b>	No data available
<b>Flash Point</b>	Does not flash	<b>Method</b>	Not applicable
<b>Autoignition Temperature</b>	No information available		
<b>Flammability Limits in Air %:</b>	Not applicable	<b>Upper flammability limit:</b>	No information available
		<b>Lower flammability limit:</b>	No information available

## 10. STABILITY AND REACTIVITY

**Chemical Stability  
Conditions to Avoid**

Stable. Hazardous polymerization does not occur.  
Keep away from open flames, hot surfaces, and sources of ignition. Protect from direct sunlight and extremes of temperatures.  
Strong oxidizing agents, Strong acids and strong bases.  
No data available  
Carbon oxides, Nitrogen oxides (NOx), Oxides of phosphorus.  
None under normal processing.

**Incompatible Products  
Decomposition temperature  
Hazardous decomposition products  
Possibility of Hazardous Reactions**

## 11. TOXICOLOGICAL INFORMATION

Product Information No information available

**The following ATE values have been calculated for the mixture**

ATEmix (oral) No information available

ATEmix (dermal) No information available

**Inhalation LC50**

ATEmix (inhalation-gas) No information available

ATEmix (inhalation-dust/mist) No information available

ATEmix (inhalation-vapor) No information available

Principle Route of Exposure Skin contact, Eye contact.

Primary Routes of Entry Skin contact, Eye contact.

**Acute Effects:**

Eyes Low hazard for usual industrial or commercial handling.

Skin Low hazard for usual industrial or commercial handling.

Inhalation Low hazard for usual industrial or commercial handling.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic toxicity Contains a known or suspected reproductive toxin. May cause damage to organs through prolonged or repeated exposure.

Target organ effects No information available.

Aggravated Medical Conditions No information available.

**Component Information**
**Acute Toxicity**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Others
Phenol, isopropylated phosphate (3:1) 68937-41-7	> 5000 mg/kg ( Rat )	> 10000 mg/kg ( Rabbit )	> 200 mg/L ( Rat ) 1 h	No data available	No data available

**Chronic Toxicity**

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Phenol, isopropylated phosphate (3:1) 68937-41-7	No data available	No data available	No data available	X	No data available

Carcinogenicity There are no known carcinogens in this product.

## 12. ECOLOGICAL INFORMATION

Product Information No information available

Persistence and Degradability No information available

Bioaccumulation No information available

Mobility No information available

Additional Ecological Information: No information available

**Component Information**

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to microorganisms	Crustacea	Partition coefficient
Phenol, isopropylated phosphate (3:1)	No information available	LC50 = 1.15 mg/L Oncorhynchus mykiss 96 h  LC50 = 1000 mg/L Brachydanio rerio 96 h  LC50 = 10.8 mg/L Pimephales promelas 96 h	No information available	EC50: =14mg/L (48h, Daphnia magna)	5.17

Persistence and degradability No information available.

Bioaccumulation No information available.

Mobility 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 (air)</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG</b>	Not regulated

**15. REGULATORY INFORMATION****Inventories**

<b>TSCA</b>	Listed
<b>DSL/NDSL</b>	Listed

**US Federal Regulations****EPA**

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**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

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**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**16. OTHER INFORMATION**

<b>Prepared By</b>	Hazard Communication Department
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