

Safety Data Sheet: CHAINMASTER, MM

Supersedes Date 01/03/2014

Issuing Date 03/06/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name CHAINMASTER, MM
Recommended use Lubricant
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code 518J
Chemical nature Esters
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Straw - Amber

Physical State Liquid

Odor Fatty odor

GHS

Classification

Physical Hazards

None

Health Hazard

Specific target organ systemic toxicity (repeated exposure)

Category 2

Other hazards

None

Labeling

Signal Word

WARNING



Hazard Statements

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements

P260 - Do not breathe mist.
P312 - Call a physician if unwell.
P501 - Dispose of contents and container in accordance with applicable regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Phenol, isopropylated, phosphate	68937-41-7	1-5
Polybutene	9003-29-6	1-5

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

Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.

Inhalation

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

Ingestion

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

Notes to physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point Does not flash
Flammability Limits in Air % Not applicable.

Method Seta closed cup
Upper No data available **Lower** No data available

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO2). 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, 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 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**

Component	ACGIH TLV	OSHA PEL	NIOSH
Phenol, isopropylated, phosphate	No data available	No data available	No data available
Polybutene	5 mg/m ³ as oil mist	10 mg/m ³ as oil mist	No data available

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	Liquid	Viscosity	Slightly Viscous
Color	Straw - Amber	Odor	Fatty odor
Odor Threshold	Not applicable	Appearance	Transparent - Hazy
pH	Not applicable	Specific Gravity	0.90
Evaporation Rate	0 (Butyl acetate=1)	Percent Volatile (Volume)	1.5
VOC Content (%)	0	VOC Content (g/L)	0
Vapor Pressure	0 mmHg @ 70°F	Vapor Density	13.0 (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	> 680 °F / 360 °C	Flammability (solid, gas)	No data available
Flash Point	Does not flash	Method	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %	Not applicable.	Upper	No data available
		Lower	No data available

10. STABILITY AND REACTIVITY**Chemical Stability**

Stable. Hazardous polymerization does not occur.

Conditions to Avoid

None known

Incompatible Products

Strong oxidizing agents, Strong acids and strong bases.

Hazardous Decomposition Products

Carbon oxides, Nitrogen oxides (NOx), Oxides of phosphorus.

Possibility of Hazardous Reactions

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	30,433.56
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	50.05
Vapor	50.05

Principle Route of Exposure Skin contact, Eye contact.

Primary Routes of Entry None known

Acute Effects

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

Chronic Toxicity

Prolonged or repeated inhalation may cause damage to the lungs.

Target Organ Effects Heart, Liver, Kidney, Lungs.

Aggravated Medical Conditions Heart disease, Liver disorders, Kidney disorders, Respiratory disorders.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Phenol, isopropylated, phosphate	> 30000 mg/kg (Rat)	no data available	> 200 mg/L (Rat) 1 h	no data available	no data available
Polybutene	no data available	no data available	no data available	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Phenol, isopropylated, phosphate	no data available	no data available	no data available	no data available	no data available
Polybutene	no data available	no data available	no data available	no data available	Heart, liver, kidney, lung

Carcinogenicity

There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Phenol, isopropylated, phosphate	not applicable	not applicable	not applicable	not applicable	not applicable
Polybutene	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Phenol, isopropylated, phosphate	no data 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 data available	EC50= 14 mg/L 48 h	N/A
Polybutene	no data available	no data available	no data available	no data available	N/A

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 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 Hazardous Categorization

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

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Phenol, isopropylated, phosphate	Not applicable	Not applicable
Polybutene	Not applicable	Not applicable

16. OTHER INFORMATION

Prepared By	Devon Kebodeaux
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Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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