



1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CoolTemp HydroMax - # 345044, # 345046, # 345043
Synonyms: No information available
Identified Uses: Lubricant
Supplier: The Grasshopper Company
Old Highway 81 South
Moundridge, KS 67107
(620) 345-8621 (Monday-Friday, 8:00 am – 5:00 pm CST)

Emergency Telephone Number:
INFOTRAC – 24 Hrs – (800) 535-5053

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements

Signal Word

None

Hazard Statements

None

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Precautionary Statements

None

Hazards not otherwise classified (HNOC)

None

- May be harmful in contact with skin

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	70-80
Residual oils (petroleum), solvent dewaxed	64742-62-7	20-30
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	20-30



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Paraffin oils, petroleum, catalytic dewaxed heavy	64742-70-7	0.1-1
Petroleum distillates, solvent dewaxed light paraffinic	64742-56-9	0.1-1

The producer of CoolTemp HydroMax declares that it contains less than 3% DMSO extractable material by IP-346.

4. FIRST AID MEASURES

General Advice

If symptoms develop, move victim to fresh air. Show this safety data sheet to the doctor in attendance. Do not breathe dust/fume/gas/mist/vapors/spray.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing.

Skin Contact

Consult with a physician if necessary. Wash off immediately with soap and plenty of water, removing all contaminated clothes and shoes.

Ingestion

May cause adverse kidney effects. Drink plenty of water. Do NOT induce vomiting.

Inhalation

Move to fresh air. Contact a physician. If not breathing, give artificial respiration.

Production of First-Aiders

Use personal protective equipment.

Most important symptoms and effects, both acute and delayed

Symptoms None Known

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically

5. FIRE FIGHTING MEASURES

Flash Point:

232°C / 450°F

Suitable Extinguishing Media

Water spray, Carbon dioxide (CO2), Foam, Dry chemical

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors

Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment.



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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Do not touch or walk through spilled material. Remove all sources of ignition.

Environmental Precautions

Prevent entry into waterways, sewers, basements or confined areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up

Use personal protective equipment. Dam up. Take up mechanically and collect in a suitable container for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Prevent vapor buildup by providing adequate ventilation during and after use. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

Storage

Keep container tightly closed and in a dry and well-ventilated place. Keep out of the reach of children.

Risk Management Methods (RMM)

The information required is contained in this Safety Data Sheet.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mineral Oil 8042-47-5	TWA: 5 mg/m ³	TWA: 5 mg/m ³ (vacated) TWA: 5 mg/m ³	IDLH: 2500 mg/m ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³
Ethylene diamine 107-15-3	TWA: 10 ppm S*	TWA: 10 ppm TWA: 25 mg/m ³ (vacated) TWA: 10 ppm (vacated) TWA: 25 mg/m ³	IDLH: 1000 ppm TWA: 10 ppm TWA: 25 mg/m ³
Ethyl acrylate 140-88-5	STEL: 15 ppm TWA: 5 ppm	TWA: 25 ppm TWA: 100 mg/m ³ (vacated) TWA: 5 ppm (vacated) TWA: 20 mg/m ³ (vacated) STEL: 25 ppm (vacated) STEL: 100 mg/m ³ (vacated) S* S*	IDLH: 300 ppm
Phenol 108-95-2	TWA: 5 ppm S*	TWA: 5 ppm TWA: 19 mg/m ³ (vacated) TWA: 5 ppm (vacated) TWA: 19 mg/m ³ (vacated) S*	IDLH: 250 ppm Ceiling: 15.6 ppm Ceiling: 60 mg/m ³ TWA: 5 ppm TWA: 19 mg/m ³



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Exposure Controls

Engineering Measures

Showers and eyewash stations.

Ensure adequate ventilation especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

Tightly fitted safety goggles.

Skin and Body Protection

Long sleeved clothing.

Hand Protection

Protective gloves.

Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental Exposure Controls

Do not allow material to contaminate ground water system.

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below.

Physical State:	PH:
Liquid	6-8
Appearance:	Melting/Freezing Point:
Orange	No data available
Odor:	Boiling Point/Range:
Hydrocarbon-like	No data available
Odor Threshold:	Flash Point:
No information available	232° C / 450° F
Viscosity:	Vapor Pressure:
Proprietary	No data available
Decomposition Temperature:	Vapor Density: (Air=1)
No data available	<1
Auto Ignition Temperature:	Specific Gravity: (H2O=1)
No data available	0.866
Partition Coefficient: (n-octanol/water)	Water Solubility:
No data available	Negligible
Evaporation Rate:	Flammability (solid, gas):
No data available	No data available
Explosive Properties:	Oxidizing Properties:
No data available	No data available

10. STABILITY AND REACTIVITY

Reactivity

None known.



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Stability (Thermal, Light, Etc.)

Stable under normal conditions.

Explosion Data

Sensitivity to Mechanical Impact – Not impact sensitive

Sensitivity to Static Discharge – May be ignited by friction, heat, sparks or flames.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Heat, flames and parks. Contact with other chemicals.

Incompatible Materials

Strong oxidizing agents. Strong acids. Strong bases.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

11. TOXICOLOGICAL DATA

Acute Toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation

May cause irritation of respiratory tract.

Eye Contact

Contact with eyes may cause irritation.

Skin Contact

May cause irritation.

Ingestion

There is no data available for this product.

The producer of CoolTemp HydroMax declares that it contains less than 3% DMSO extractable material by IP-346.

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

ATEmix (oral) 7979 mg/kg

ATEmix (dermal) 3192 mg/kg

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	> 15000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 2400 mg/m ³ (Rat) 4 h
Residual oils (petroleum), solvent dewaxed 64742-62-7	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	> 15 g/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Paraffin oils, petroleum, catalytic dewaxed heavy 64742-70-7	> 15000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-



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Petroleum distillates, solvent dewaxed light paraffinic 64742-56-9	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 5399 mg/m ³ (Rat) 4 h
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Skin Corrosion/Irritation

No information available.

Serious Eye Damage/Eye Irritation

No information available.

Sensitization

No information available.

Mutagenic Effects

No information available.

Carcinogenic Effects

No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	-	-	-	-

Reproductive Toxicity

No information available.

STOT – Single Exposure

No information available.

STOT – Repeated Exposure

No information available.

Aspiration Hazard

No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Chemical Name	Algae/Aquatic Plants	Toxicity to Fish	Toxicity to Microorganisms	Toxicity to Daphnia & other Aquatic Invertebrates
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	-	-	-	-
Residual oils (petroleum), solvent dewaxed 64742-62-7	-	LC50> 5000 mg/L Oncorhynchus mykiss 96 h	-	EC50 > 1000 mg/L 48 h
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	-	-	-	-
Petroleum distillates, solvent dewaxed light paraffinic 64742-56-9	-	LC50> 5000 mg/L Oncorhynchus mykiss 96 h	-	EC50 > 1000 mg/L 48 h

Persistence and Degradability

No information available.



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Bioaccumulation Potential

Chemical Name	Log Pow
Ethyl Acrylate 140-88-5	1.18

Mobility in Soil

No information available.

Mobility

The product is insoluble and floats on water.

Results of PBT and vPvB Assessment

No information available.

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Dispose of in accordance with local regulations.

Contaminated Packaging:

Do not re-use empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Chemical name	RCRA	RCRA – Basis for Listing	RCRA – D Series Wastes	RCRA – U Series Wastes
Ethyl acrylate 140-88-5				Ignitable waste
Phenol 108-95-2	U188	Included in waste streams: F039, K001, K022, K087 Included in waste stream: K060		

This product contains one or more substances that are listed with the State of California as a hazardous waste

Chemical name	California Hazardous Waste Status
Zinc alkyl dithiophosphate 113706-15-3	Toxic
Phosphorodithioic acid, mixed O, O-bis(iso-Bu and pentyl) esters, zinc salts 68457-79-4	Toxic
Ethylene diamine 107-15-3	Toxic
Phenol 108-95-2	Toxic Corrosive

14. TRANSPORTATION INFORMATION

DOT

Not regulated.

IMDG

Not regulated.

ICAO/IATA

Not regulated.



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15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Not determined
NDSL	Not Determined
EINECS	Not Determined
ELINCS	Not Determined
ENCS	Not Determined
IECSC	Complies
KECL	Not Determined
PICCS	Not Determined
AICS	Complies

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

AICS – Australian Inventory of Chemical Substances

US 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.

Chemical Name	CAS No.	Weight %	SARA 313 – Threshold Values %
Zinc alkyl dithiophosphate – 113706-15-3	113706-15-3	1.1511	1.0
Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts – 68457-79-4	68457-79-4	0.9	1.0
Ethylene acrylate – 140-88-5	140-88-5	0.001	0.1
Phenol – 108-95-2	108-95-2	0.0004	1.0

SARA 311/312 Hazard Categories

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

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122-21 and CFR 122.42):

Chemical Name	CWA-Reportable Quantities	CWA – Toxic Pollutants	CWA-Priority Pollutants	CWA – Hazardous Substances
Zinc alkyl dithiophosphate 113706-15-3		X		



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Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts 68457-79-4		X		
Ethylene diamine 107-15-3	5000 lb			X
Phenol 108-95-2	1000 lb	X	X	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensations and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ethylene diamine 107-15-3	5000 lb	5000 lb	RQ 5000 lb final RQ RQ 2270 kg final RQ
Ethyl acrylate 140-88-5	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ
Phenol 108-95-2	1000 lb	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	California Proposition 65
Ethyl acrylate 140-88-5	Carcinogen

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

NFPA

Health Hazard 1

Flammability 1

Stability 1

16. OTHER INFORMATION

Issuing Date 06-09-2009
Revision Date 06-23-2020
Reason for Revision Formulation.

Disclaimer:

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and it is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF SAFETY DATA SHEET