



Dominion Veterinary Laboratories Limited

Quality Animal Health Pharmaceuticals - Dedicated Service Since 1950

1199 Sanford Street - Winnipeg, Manitoba R3E 3A1

Telephone: (204) 589.7361 / 589.7362 - Fax: (204) 943.9612

Toll Free: 1.800.465.7122 - www.domvet.com

Safety Data Sheet Kopper Kare

Date: January 13, 2022

SECTION 1: PRODUCT AND COMPANY INFORMATION

Name: Kopper Kare, Koppersol
DIN : 00603481
Synonyms: Copper naphthenate mixture
Chemical Family: NA
Application: For external use only on cattle, horses, sheep, goats and pigs

Supplier: **Dominion Veterinary Labs LTD.**
1199 Sanford St.
Winnipeg, Manitoba
R3E 3A1
Telephone: (204)-586-3484 Fax: (204)-943-9612

Emergency telephone number :

Local Emergency Contact : During Office hours Monday-Friday, 9:00 am - 4.30 pm (CST) : 1-204-589-7361, 800-465-7122.

SECTION 2: HAZARDS IDENTIFICATION

Appearance: Green Liquid

Classification of the Substance or Mixture

GHS - Classification

Aspiration Toxicity: Category 1
Germ Cell Mutagenicity: Category 1B
Carcinogenicity: Category 1B
Acute aquatic toxicity: Category 1
Chronic aquatic toxicity: Category 1
Flammable liquids- Category 3

Label Elements

Signal Word: Danger

Hazard Statements: H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H340 - May cause genetic defects
H350 - May cause cancer
H410 - Very toxic to aquatic life with long lasting effects

Precautionary Statements: P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood



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P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P233 - Keep container tightly closed
P240 - Ground/Bond container and receiving equipment
P241 - Use explosion-proof electrical/ventilating/lighting/equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P273 - Avoid release to the environment
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician
P331 - Do NOT induce vomiting
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.
Rinse skin with water/shower
P308 + P313 - IF exposed or concerned: Get medical attention/advice
P370 + P378 - In case of fire: Use dry chemical, CO2, foam for extinction P391 - Collect spillage
P403 + P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P501 - Dispose of contents/container in accordance with all local and national regulations



Other Hazards

Short Term: Vapors may cause drowsiness and dizziness.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS Number	%
Copper Naphthenate	1338-02-9	30-40
Stoddard Solvent (Mineral Spirits)	8052-41-3	50-60
Non-Hazardous Ingredient	Proprietary	1-5

The exact formulation is being withheld as a trade secret.



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SECTION 4: FIRST-AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek medical attention..

Inhalation: I Remove to fresh air and keep patient at rest Get medical attention.

Ingestion: Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately

Most important Symptoms: May cause eye and skin irritation. Harmful if swallowed.

Indication of immediate medical attention/special treatment:

Immediate medical attention is required for eye contact, skin contact, inhalation, and ingestion. Call a poison center or doctor for further treatment advice. Have the product container or label with you when calling a poison center or doctor, or going for treatment. Probable mucosal damage may contraindicate the use of gastric lavage

SECTION 5: FIRE-FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media:

Use water fog, foam, dry chemical, or carbon dioxide. Cool fire exposed containers and structures with water.

Specific hazards arising from the chemical: A solid stream of water or foam directed into hot, burning liquids can cause frothing. Burning may produce carbon monoxide, carbon dioxide, inorganic copper, and other flammable and toxic gases.

Special Protective Equipment and Precautions for Fire-Fighting Instructions: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Contain all runoff.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate spill area and keep unprotected personnel away. Wear appropriate protective clothing as described in Section 8. Avoid releases to the environment.

Methods and Materials for Containment and Cleaning Up:

Dike and collect liquid or absorb with an inert absorbent and place in appropriate containers for disposal. Large spills should be removed using a vacuum truck. Wash spill area thoroughly. Prevent spill from entering sewers and watercourses. Report releases as required by local, state and federal authorities.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Prevent contact with the eyes, skin and clothing. Avoid breathing mists or aerosols. Wear protective clothing and equipment as described in Section 8. Applicators, mixer and other handlers must wear chemical resistant gloves, protective eyewear, long-sleeved shirt, long pants, socks and shoes when handling or applying this product. When applying this product to nonpressure treated wood, blend/spray operators and any individual that applies the product with a brush/roller must wear an organic vapor respirator. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Remove contaminated clothing



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immediately and wash before reuse. Remove PPE immediately after handling. Wash thoroughly after using and change into clean clothing. Keep containers closed when not in use. Nonrefillable container. Do not reuse containers. Product residues in empty containers can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in a cool (between 40°F and 90°F), dry, well-ventilated area away from incompatible materials. Keep out of reach of children and pets. Do not store in direct sunlight. Keep containers tightly closed. Protect from physical damage. Store away from oxidizers. Keep in locked storage

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Copper Naphthenate	None Established
Mineral Spirits (as stoddard solvent)	100 ppm TWA ACGIH TLV 500 ppm TWA OSHA PEL
Non-hazardous Ingredients	None Established

Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Respiratory Protection: In operations where exposure levels are exceeded, a NIOSH approved respirator with methylamine or organic vapor cartridges with approved pesticide prefilter or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice. Refer to the product label for additional information.

Skin Protection: Wear impervious gloves such as heavy PVC or butyl-viton. Gloves may be decontaminated by washing with soap and water. If you want more options, follow the instructions for category C on the EPA chemical-resistance category selection chart.

Eye Protection: Wear safety goggles and faceshield where splashing is possible.

Other: Wear long-sleeve shirts, long pants, socks and shoes when using this product. Suitable washing facilities should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark green liquid with a pungent petroleum odor.
Physical State:	Liquid
Odor Threshold:	Not established
Vapor Density:	Not determined
Initial Boiling Point/Range:	168°C
Solubility In Water:	Insoluble
Vapor Pressure:	Negligible
Relative Density:	0.97-1.00
Evaporation Rate:	Not determined
Melting/Freezing Point:	Not determined



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pH:	Not applicable
Percent Volatile:	<35% by weight
Octanol/Water Coefficient:	Not determined
Solubility:	Soluble in hydrocarbon solvents
Decomposition Temperature:	Not determined
Viscosity:	Not determined
Flammability (solid, gas):	N/A
Flashpoint:	47°C -Closed Cup
Autoignition Temperature:	None determined
Flammable Limits: LEL:	Not determined
UEL:	Not determined

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Not normally reactive
Chemical Stability:	Stable under normal storage and handling conditions.
Possibility of Hazardous Reactions:	None known.
Conditions to Avoid:	None known.
Incompatible Materials:	Avoid strong oxidizing agents. Hazardous Decomposition Products: When heated to decomposition emits carbon monoxide, carbon dioxide, and inorganic copper.

SECTION 11 : TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Ingestion: May be harmful if swallowed. Ingestion of copper salts may produce vomiting, metallic taste, headache, cold sweats, shock, jaundice, swollen liver, kidney damage, CNS depression, and death from CNS depression or liver or kidney failure. Whether such effects occur following copper naphthenate ingestion is unknown.

Inhalation: Inhalation of mists may cause irritation of the nose, throat and upper respiratory tract. Prolonged inhalation of vapors may cause central nervous system effects, dizziness, drowsiness, somnolence, convulsions, tremors, light-headedness, loss of consciousness, impairment of short-term memory, loss of coordination, personality changes, headache, fatigue, stupor, and coma.

Eye: May cause irritation with redness and tearing.

Skin: May cause skin irritation with redness and pain.

Chronic: May cause damage to the blood, kidneys, nervous system, and peripheral nervous system. Prolonged skin contact may cause defatting, drying, skin ulcers, or pruritic eczema. Prolonged inhalation can affect behavior and central nervous system as described under inhalation.

Sensitization: This material is not known to cause sensitization.

Carcinogenicity: None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

Germ Cell Mutagenicity: Not expected to cause germ cell mutagenicity.

Reproductive Toxicity: Not expected to cause reproductive toxicity.

Numerical Measures of Toxicity:

Product Toxicity Data:

Oral rat LD50: >2000 mg/kg

Component Toxicity Data:

Mineral Oil: Oral rat LD50: >2000 mg/kg; Dermal rabbit: LD50 >2000 mg/kg

Copper Naphthenate: Oral rat LD50: 2000 mg/kg



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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

This product is classified as very toxic to the aquatic environment with long-lasting effects. Releases to the environment should be avoided.

This product is toxic to algae. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA. Wood treated with this product shall not be used in the construction of beehives.

Persistence and Degradability: No data available. Product is expected to be persistent in the aquatic environment.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

SECTION 13: DISPOSAL CONSIDERATION

Dispose in accordance with local, state and federal environmental regulations. The materials resulting from clean-up operations of a spill may be hazardous and, therefore, subject to specific regulations. Package, store, transport and dispose of all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local regulations. Shipments of waste materials may be subject to manifesting requirements per applicable regulations. Appropriate disposal will depend on the nature of the waste and should be performed by competent and properly permitted contractors. Ensure that all responsible federal, state and local agencies receive proper notification of spill and disposal methods. Spills or releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

SECTION 14: TRANSPORT INFORMATION

DOT:	CLASS 3: Flammable liquid
Identification:	Flammable liquids, n.o.s. (Copper naphthenate & Stoddard solvent)
	UN: 1993 PG: III
Special Provisions for Transport:	N/A

SECTION 15: REGULATORY INFORMATION

Inventory status: Listed as a DIN with Health Canada.

SECTION 16: OTHER INFORMATION

The information contained herein is, to the best of our knowledge, true and accurate. Any recommendations or suggestions are made without obligation on our part and the Company accepts no liability to any customers, their employees or any other person whatsoever for any loss, injury or damage whether direct or consequential, which may be caused by an error or emission from this sheet even if negligence or otherwise.

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