# **KEEP OUT OF REACH OF CHILDREN** DANGER

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive, causes irreversible eye damage and causes skin damage. Harmful or fatal if swallowed or absorbed through the skin. This product is a potential skin sensitizer. Workmen handling this product or treated material should wear impervious gloves, googles or face shield, and protective clothing. All protective clothing, work shoes or boots, and equipment must be left at the work site at the end of the day. Eating, drinking or smoking during use of this product is prohibited.

STATEMENT OF PRACTICAL TREATMENT (FIRST AID): In case of skin contact, wash promotly and thoroughly with soap and water. Get medical attention. If product gets in the eyes, hold eyelids open and flush with a steady, gentle stream of water for 15 to 30 minutes. Get medical attention immediately. If product is swallowed, call a physician or Poison Control Center. Do not induce vomiting. First, rinse mouth with large amounts of water or milk. Then slowly give one or two glasses of water or milk. Avoid alcohol. Do not give anything by mouth to an unconscious person. Take individual to the nearest medical facility. If inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not apply directly to water or wetlands. Do not discharge effluent containing this product into lakes, stroams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination m (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do

scharge 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.

PHYSICAL AND CHEMICAL HAZARDS: Do not expose to extreme temperatures.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal,

STORAGE: Do not expose to extreme temperatures. Do not stack more than five drums high. Drums should be opened in well-ventilated areas. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at your EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke,

ACTIVE INCOUNTS ACCEPTED

AOTHE MOREDIENTO.	
Methylene bis(thiocyanate)	2.5 %
2-(Thiocyanomethylthio)benzothiazole	. 2.5 %
INERT INGREDIENTS:	95 0 %

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	pest a de l'registered under
	pesticide registered under EPA Reg. No. 1448-172

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
COOLING TOWERS: M-5-2 is used to protect cooling tower wood against soft or surface rot and internal or dry rot. It is
pplied by painting a dispersion containing 2.0 to 2.8% M-5-2 in water onto the clean wood surfaces. The amount applied
hould provide 2.4 to 3.2 lb, M-5-2 per 1000 sq. ft, of wood surface. Soft or surface rot can also be inhibited by periodic
hock doses of M-5-2 to the recirculating cooling water at the tower basin or cold well. The dosage should provide 5.0 lb. of
A-5-2 per 1000 gal, of water and the bleedoff should be stopped for 4 to 6 hours after treatment. The shock treatment should
e repeated every four months, COOLING WATER: M-5-2 is used to control algae, bacteria, and fungi in industrial
ecirculating cooling water systems. Before treatment is begun, the system should be cleaned thoroughly to remove old algal
rowth, microbiological slime, and other deposits. The system should then be drained, flushed, refilled with water, and
reated with an initial dose of 2.4 to 14.8 fluid oz. M-5-2 per 1000 gal, water in the system. Subsequent additions of 0.8 to 4.8
uid oz, per 1000 gal, should be made every 1 to 5 days, depending on amount of bleedoff and severity of microbiological
puling. DRILLING FLUIDS: To inhibit bacterial and fungel degradation of the fluids or much used in the drilling of wells,
A-5-2 is incorporated in the drilling fluid at concentrations of 0.2 to 1.0% based on the total wet weight of the fluid.
ETROLEUM SECONDARY RECOVERY: M-5-2 is used to control suitate-reducing bacteria, sikne-forming bacteria and
ungi in oil-field water, polymer, or micellar floods, water-disposal systems, and other oil-field water systems at dosage rates
f 15 6 to 52.0 fluid oz. M-5-2 per 1000 gal. of water treated. Additions should be made continuously or intermittently by
neens of a metering, pump at the free water knockouts, before or after injection pumps and injection well headers.
continuous Feed Method: When system is noticeably fouled, add 15.6 to 52.0 fluid oz. M-5-2 per 1000 gal, of water
ontinuously until desirod degree of control is achieved. Then treat with 15.6 to 52.0 fluid oz. M-5-2 per 1000 gal. of water
ontinuously, or as needed to maintain control, intermittent or Slug Method: When system is noticeably fouled, or to maintain
control, add 15.6 to 52.0 fluid oz. M-5-2 per 1000 gal, of water for 4 to 8 hours per day and 1 to 4 times per weak, or as
eeded to maintain control. CRUDE AND REFINED OILS: M-5-2 is an oil-soluble preservative for the control of bacteria and
angl that cause the degradation of crude oil and refined oils during storage. Crude and refined oils include, but are not
mited to, olefinic, aromatic, paratfinic, and naphthenic olis. It should be added to the oil as it is being transferred from the
hipping container to the storage tank at the rate of 2.4 to 24.0 fluid oz, M-5-2 per 1000 gal. of oil. Addition should be made
alchwise where mixing occurs or continuously to the suction side of the transfer pump. FUEL: M-5-2 can be used to
liminate and /cr prevent the growth of bacteria and fungi in distillate and residual fuels including. Diesel #1, Diesel #2, and
tunker C. M-5-2 is intended for use in applications where residual and distillate fuels are used such as ; bulk storage tanks
comotive fuel tanks, diesel trucks, diesel boats and ships, fam equipment, construction equipment, and diesel generators,
4-5-2 should be added to the fuel at a rate of 1.25 - 2.5 fluid ounces per 100 gallons. M-5-2 should be fed by injecting the
roduct into the fill line as the fuel is being added or added batchwise while the fuel is being added to ensure adequate
lking. For contaminated systems M-5-2 should be added at a shock dose of 2.5 ounces per 100 gallons. (see table below)
or clean systems the maintenance dose is 1.25 to 2.5 fluid ounces per 100 gations ( see table)

For clean systems	ine maintenance cose is	1.25 to 2.5 jiu:d ounce
Gallons of fuel	Shock treatment	Maintenance tr
20	0.5 fluid ounce	0.25 fluid ounce
40	1.0 fluid ounce	0.5 fluid ounce
60	1.5 fluid ounce	0.75 fluid ounce
100	2.5 Ruld ourse	1.25 flatd cance
M.S.7 Is NOT for	une in Aufation Eucle	

M-6-2 is NOT for use in Aviation Fuels.

REVERSE OSMOSIS SYSTEMS: M-5-2 may be used to control microbiological fouling in reverse osmosis systems used for process, wastewater, and other non-potable applications. M-5-2 should be fed to the membrane feedwater at a rate of 1-20 ppm (0.12-2.4 fl oz/1000 gal). The product should be added continuously for a time period of 1-3 hours, 3-7 days such week depending on the severity of the problem. For off line cleaning, M-5-2 should be added to provide a level of 20-200 ppm (2.4-24 fl oz/1000 gal) in the soak solution.

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HMIS/NPCA RATING Health 3 Flammability 2 Reactivity 1 Product Weight: 8.6 lbs./gal. 1.03 kg/l NET CONTENTS MARKED ON CONTAINER

EPA Reg. No. 1448-172

Manufactured By EPA Est. No. 1448-TN-1 BUCKMAN LABORATORIES. INC. 1256 N. MCLEAN BLVD., MEMPHIS, TN 38108 USA (901) 278-0330 or 1-800-BUCKMAN

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