

AQUAGUARD 6905
(Solution in Methanol)
For Use as an Oilfield Biocide

COMMERCIAL
READ THE LABEL BEFORE USING

GUARANTEE:
1-Alkyl*-1,3-Propanediamine Diacetate.....16.0%
(*Alkyl groups as derived from coconut oil fatty acids)
(7%C8, 6.5%C10, 53%C12, 19%C14, 8.5%C16, 6%C18)

REGISTRATION NO: 25340
PEST CONTROL PRODUCTS ACT

DANGER
POISON
FLAMMABLE
CORROSIVE

NET CONTENTS:
GUARDIAN CHEMICALS INC.
155-55202 SH 825, Sturgeon Industrial Park
Sturgeon County, Alberta
T8L 5C1
Phone (780) 998-3771

PRECAUTIONS
Keep out of Reach of Children.
DANGER! *CONTAINS METHANOL*
FLAMMABLE AND CORROSIVE
CAN BE FATAL OR CAUSE BLINDNESS IF SWALLOWED
CAUSES SKIN AND EYE BURNS

Use only in well ventilated areas. Keep away from heat, sparks and open flame. Wear goggles or face shield, chemical-resistant gloves, long pants, a long-sleeve shirt, and shoes and socks when handling. Wash thoroughly with soap and water after handling. Avoid contamination of food.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTIONS FOR USE

Secondary Oil Production: For the control of algae, slime forming and sulphate reducing bacteria in oilfield waterflood, slug treat at a rate up to 1200 ppm for up to 6 hours as needed to achieve control. Repeat treatment once a week or as needed to maintain control. For

continuous treatment, up to 400 ppm can be used initially to achieve control with maintenance levels up to 200 ppm. Levels for effective control will vary depending on conditions at site.

Well Completions, Workover and Stimulation Fluids: For control of algae, slime forming and sulphate reducing bacteria, dosage levels of up to 2000 ppm in normal situations and up to 4000 ppm for severe contamination is suggested. In packer fluids, doses up to 400 ppm is recommended.

Petroleum Transport, Storage Systems and Surface Equipment: To control bacteria in crude oil pipelines, slug dose with up to 12.0 litres per centimetre of diameter per kilometre of pipeline. Repeat weekly or as needed to control situation. The appropriate doses will depend on the severity of the problem. Up to 200 ppm can be used in water for hydrostatic testing and in treatment of water and crude oil storage facilities. This water should be used in sub-surface injection systems only.

Apply the product using a closed delivery systems such as a dry coupling and/or metering pump.

FIRST AID

If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice. If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice. If inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control centre or doctor for treatment advice. If swallowed, call a poison control centre or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. Take container, label, or product name and Pest Control Product Registration Number with you when seeking medical attention.

STORAGE

Container should be stored in a cool, dry and well-ventilated area. Keep container tightly closed when not in use. Exercise due caution to prevent damage to or leaking from the container. Do not use air pressure to transfer. Do not use empty container.

DISPOSAL

- 1) Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site.
- 2) Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
- 3) Make the container unsuitable for further use.
- 4) Dispose of the container in accordance with provincial requirements.
- 5) For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

SPILLAGE

Clean up spills immediately. For small spills, recover free liquid. Soak up residue with solid adsorbent. Larger spills should be flushed to a collection basin for disposal. Clean area well with detergent and water. DO NOT FLUSH INTO SURFACE STREAMS. INFORM REGULATORY AGENCY AS INDICATED ABOVE IN #4

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and aquatic organisms. Do not discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters. **Not for use in marine or estuarine oilfields.** Open dumping is prohibited.

TOXICOLOGICAL INFORMATION

CONTAINS METHANOL AND ACETIC ACID. There is no specific antidote. Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed. Avoid alcohol.

UN2924
FLAMMABLE LIQUID, CORROSIVE, N.O.S.
(Methanol / Alkyl amine)

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