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DREW™ 3025

BIOCIDE

INDUSTRIAL

GUARANTEE:

SODIUM CHLORATE 25%

REGISTRATION No. 25632 PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

DANGER

POISON - CORROSIVE

CORROSIVE TO EYES AND SKIN

READ THE LABEL BEFORE USING

NET CONTENTS _____

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FOR USE IN THE MECHANICAL GENERATION OF CHLORINE DIOXIDE FOR MICROORGANISM CONTROL.

USE RESTRICTION:

This product is to be used only in closed system chlorine dioxide generators for controlling slime forming organisms in Pulp and Paper process waters. Follow all instructions for the chlorine dioxide generator carefully and follow all safety measures required for the use of this product and the generator. Generators are to be installed, adjusted and maintained by specially trained service representatives only.

DIRECTIONS FOR USE:

IN PULP AND PAPER PROCESS WATERS.

1) Feed rates of Drew TM3025 will depend on the severity of contamination and the degree of control desired. The exact dosage will depend on the size of the system and residual necessary for effective control. Feed precursor chemicals to the C-2 Generator at a rate of 1.147 kg to 11.47 kg of Drew TM3025 (sodium chlorate solution) per TONNE of dry paper (3.156 ppm to 31.56 ppm), and 1.467 kg to 14.67 kg of Drew 6006 (sulfuric acid solution) per TONNE of dry paper (4.035 ppm to 40.35 ppm) for continuous treatment. This will provide 0.5 ppm to 5 ppm point source chlorine dioxide residuals in the system. Where slime control problems are apparent in the system or cleanup is required, then intermittent shock dose treatments of 5ppm to 100ppm point source chlorine dioxide residuals may be applied. Intermittent treatment would then require feeding precursor chemicals to the C-2 Generator at a rate of 11.47 kg to 229.53 kg of Drew TM3025(sodium chlorate solution) per TONNE of dry paper (31.56 ppm to 631.2 ppm) and 14.67 kg to 293.45 kg of Drew 6006 (sulfuric acid solution) per TONNE of dry paper (40.35 ppm to 807 ppm). Add the water stream with the dissolved biocide 1 to 2 meters below the surface of the process water level. The following use restrictions and conditions apply for the manufacture of pulp and paperboard that will contact aqueous, fatty, or dry foods.

- a) the application is technically required and is suitable for the purpose
- b) the product is applied at continuous levels to the process water when the paper or paperboard is being produced where the use level is not to exceed 10 ppm chlorine dioxide by weight of paper.
- c) residual chlorine dioxide in the finished paper or paperboard is negligible.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. DANGER - CORROSIVE TO EYES AND SKIN. Harmful if swallowed or inhaled. Do not get in eyes, on skin, mucous membranes or on clothing. Do not inhale. Wear long sleeved shirt and long pants, chemical resistant gloves, goggles or face shield, a chemical resistant apron and boots when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, smoking and using toilet. Remove contaminated clothing and wash before reuse to avoid fire. DO NOT WEAR contaminated clothing.

STORAGE:

Store in a cool, dry area well ventilated. (<25°C). DANGER: DRY DREWTM3025 IS A STRONG OXIDIZING AGENT. Mix only into water. Contamination may start a chemical reaction with generation of heat and possible fire and explosion.

STORAGE CONTINUED:

Do not contaminate with garbage, dirt, organic matter, household products, chemicals, soap products, paint products, solvents, acids, vinegar, beverages, oils, pine oil, dirty rags or any other foreign matter. Store in a well ventilated area away from heat or flame. Do not drop, roll or skid drum. Keep upright. Always replace cover and keep sealed.

PHYSICAL AND CHEMICAL CAUTIONS:

This material is corrosive and a strong oxidizing agent. Contact with organic matter may cause fire or explosion. Mixing with acids or alcohol or other chemicals may cause evolution of chlorine and chlorine dioxide gas mixture which is toxic and may be explosive. Avoid contamination with combustible materials such as oils, grease, solvents, paint products etc as rapid burning may occur.

FIRST AID INSTRUCTIONS:

CONTACT WITH 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.

INGESTION: Call a poison control centre or doctor immediately 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.

CONTACT WITH 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.

INHALATION: 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 further treatment advice. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

DISPOSAL:

1. Triple- or pressure- rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instruction 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 disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of spill, and for clean-up of spills.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

This product is highly toxic to aquatic invertebrates and moderately toxic to water fowl. Do not contaminate lakes, ponds, rivers, streams, estuaries, or oceans, by direct application, cleaning of equipment or disposal of wastes. Do not discharge effluent that has been treated with chlorine dioxide generated by this product into these waters unless the effluent has been detoxified by suitable means such as waste treatment. Open dumping is prohibited.

DECONTAMINATION:

Contain spilled material, then add sodium sulfite at 4.2 parts per 1 part of sodium chlorate. Do not allow oxidizable or other incompatible materials to come into contact with spilled material. Use copious amounts of water to flush the residual to a sanitary sewer or waste treatment plant. **DO NOT FLUSH INTO SURFACE WATERS.**

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.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.