KORDEK™ LX5000 BIOCIDE

Industrial Microicide for use in Polymer Latices, Adhesives, Tackifers, Dispersed Pigment Preservation, Printing Fluids, Metalworking Fluid Concentrates, and As A Tankside Additive for Metalworking Fluids

ACTIVE INGREDIENTS:
- 2-Methyl-4-isothiazolin-3-one 59.06%

INSERT INGREDIENTS:
- Total: 100.0%

KEEP OUT OF REACH OF CHILDREN
DANGER
FIRST AID

IF ON SKIN:
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 min.
- Call a poison control center or doctor for treatment advice.

IF IN EYES:
- Hold eye open and rinse slowly and gently with water for 15-20 min.
- Remove contact lenses, if present, after first 5 min. then continue rinsing eye.

IF INHALED:
- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance. Then give artificial respiration, preferably mouth-to-mouth if possible.

IF SWALLOWED:
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER
CORROSIVE
CAUSES SEVERE EYE DAMAGE AND SKIN BURNS
MAY BE FATAL IF ABSORBED THROUGH THE SKIN OR SWALLOWED
MAY CAUSE ALLERGIC SKIN REACTION
MAY BE FATAL IF INHALED

Do not get in eyes, on skin, or on clothing. Mixers, loaders, and others exposed to this product must wear long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. This product may cause skin sensitization reactions in some people.

ENVIRONMENTAL HAZARDS
This chemical is toxic to aquatic plants, fish and aquatic invertebrates. 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. Do not contaminate water by clearing of equipment or disposal of waste. Apply this pesticide only as specified on this label.

STORAGE AND DISPOSAL
PESTICIDE STORAGE
This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate with strong oxidizing or reducing agents. Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment. Do not apply this product in a way that will contact workers or other persons.

PESTICIDE DISPOSAL
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinseate 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 the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL
Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by state and local authorities.

GENERAL: CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

CONDITIONS OF SALE AND WARRANTY: Rohm and Haas warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions and as defined under the Directions for Use on this label. ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, EITHER OF MERCHANTABILITY OR FITNESS, FOR A PARTICULAR USE. Handling, storage, and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow directions will be assumed by the Buyer or User. TO THE EXTENT PERMITTED BY LAW, NEITHER ROHM AND HAAS NOR SELLER SHALL BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE, OR USE OF THIS PRODUCT.

Manufacture Date: EPA Reg. No. 707-256 EPA Est No. 83434-L-1
DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

TO BE USED ONLY BY TECHNICALLY QUALIFIED PERSONS.

POLYMER LATEX PRESERVATION

KORDEK™ LX5000 Biocide is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices including: acrylic, styrene/butadiene; carboxylated styrene/butadiene; ethylene/vinyl acetate; and biopolymers intended for industrial use, such as xanthan gum, gum arabic, guar gum, protein-derived polymers, starches and casein-derived polymers. Add 0.2 - 0.5 pounds KORDEK™ LX5000 Biocide (0.09 - 0.23 grams) to each 1000 pounds (453 kilograms) of emulsion to provide 200 - 500 ppm product (100 - 250 ppm active ingredient).

Refer to the table at the end of this section for dosing details for the following applications.

PRINTING FLUID PRESERVATION

KORDEK™ LX5000 Biocide is recommended for the control of bacteria and fungi in water-based printing inks such as flexographic, gravure, screen, UV/EB inks and ink jet printing inks. KORDEK™ LX5000 Biocide is recommended for the control of bacteria and fungi in the manufacture and storage of printing ink components, such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, and thickeners. KORDEK™ LX5000 Biocide is recommended for the control of bacteria and fungi in fountain solutions used for lithographic printing operations. KORDEK™ LX5000 Biocide should only be used in those fountain solution concentrates which are automatically diluted prior to use. KORDEK™ LX5000 Biocide is also recommended as a preservative for photoplate processing chemicals such as stabilizer solutions. KORDEK™ LX5000 Biocide should be added to the fountain solution concentrate or processing chemical concentrate at a level to ensure that the final use dilution fluid will contain 150-300 ppm product (75 - 150 ppm active ingredient).

ADHESIVE AND TACKIFIER PRESERVATION

KORDEK™ LX5000 Biocide is recommended as an in-container preservative for the control of bacteria and fungi in water soluble and water dispersed adhesives such as animal glues, natural rubber latices, polyvinyl acetate, styrene/butadiene and acrylic latices. KORDEK™ LX5000 Biocide is recommended as a preservative for tackifiers derived from resin and hydrocarbon resins.

NOTE: Regardless of the manner of incorporation, the total active ingredient level in the system should not exceed 250 ppm in the final use dilution.

DISPERSED PIGMENT PRESERVATION

KORDEK™ LX5000 Biocide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin and montmorillonite clays, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, and magnesium silicate used in paint and paper production.

NOTE: Regardless of the manner of incorporation, the total active ingredient level in the system should not exceed 150 ppm in the final use dilution.

<table>
<thead>
<tr>
<th>lb. of product per 1000</th>
<th>g of product per 453 kg</th>
<th>ppm of product</th>
<th>PPM Active Ingredient</th>
</tr>
</thead>
<tbody>
<tr>
<td>lb. fluid</td>
<td>kg fluid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.05 lb</td>
<td>22.7 g</td>
<td>50 ppm</td>
<td>25 ppm</td>
</tr>
<tr>
<td>0.30 lb</td>
<td>136.2 g</td>
<td>300 ppm</td>
<td>150 ppm</td>
</tr>
</tbody>
</table>

FOOD CONTACT

As an antimicrobial agent for adhesives and components of adhesives at a level not to exceed 150 ppm.

As an antimicrobial agent for polymer latex emulsions in paper coatings at a level not to exceed 250 ppm active ingredient.

As an antimicrobial agent for finished paper and paperboard coating formulations and for additives used in the manufacture of paper and paperboard including latex emulsion, fillers, binders, pigment slurries, and sizing solutions at a level not to exceed 150 ppm active ingredient in the individual additives and not to exceed 150 ppm in the finished coating formulation.

As an antimicrobial agent for preservation of latex emulsions destined for use in the manufacture of repeat-use gloves at a level not to exceed 250 ppm active ingredient.

KORDEK™ LX5000 Biocide weighs 9.7 pounds per gallon.