

## DIRECTIONS FOR USE

PRECAUTIONARY  
STATEMENTSHAZARDS TO HUMANS  
(AND DOMESTIC ANIMALS)

## DANGER

**DANGER: Corrosive.** Causes eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed or absorbed through skin. May cause allergic skin reaction. Harmful if inhaled. Do not breathe vapors or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ACCEPTED

OCT 2 1992

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5383-11

TROYSAN®

174

E.P.A. REG. NO. 5383-11

E.P.A. ESTAB. NO. 5383-N.J.-1

## ACTIVE INGREDIENT:

2-[(Hydroxymethyl)amino]ethanol ..... 97.0%

INERT INGREDIENTS ..... 3.0%

Total: 100.00%

STATEMENT OF PRACTICAL  
TREATMENT

**If In Eyes:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**If on Skin:** Wash with plenty of soap and water. Get medical attention.

**If Swallowed:** Drink promptly a large quantity of egg whites or gelatin solution, or, if these are not available, large quantities of water. Never give anything by mouth to an unconscious person. Avoid alcohol. Get medical attention.

**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. Measures against circulatory shock, respiratory depression, and convulsions may be needed.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters, unless this product is specifically identified and addressed in an NPDES Permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

KEEP OUT OF REACH OF CHILDREN

DANGER

FOR USE AS A PRESERVATIVE IN VARIOUS  
COMMODITY PRODUCTS

Manufactured by:

TROY CHEMICAL CORPORATION  
NEWARK, NEW JERSEY 07105

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

## APPLICATION:

TROYSAN 174 IS SOLD FOR INDUSTRIAL USE ONLY. THIS PRODUCT IS TO BE USED ONLY IN THE MANUFACTURE OF THE SPECIFIC PRODUCTS AS OUTLINED IN THE TECHNICAL BULLETIN. REFER TO THE TECHNICAL BULLETIN FOR SPECIFIC USE DIRECTIONS.

STORAGE AND  
DISPOSAL  
STORAGE

DO NOT STORE NEAR HEAT OR IGNITION SOURCES. DO NOT STORE AT FREEZING TEMPERATURES FOR PROLONGED PERIODS. THIS PRODUCT IS CORROSIVE TO METAL. DO NOT STORE IN UNLINED METAL CONTAINERS.

## PESTICIDE DISPOSAL:

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

## CONTAINER DISPOSAL:

Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or other approved State and local procedures.

PHYSICAL AND  
CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame. Troysan 174 is strongly alkaline.

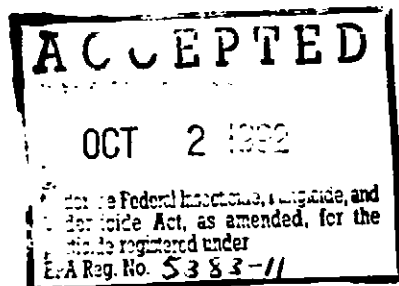
WEIGHT

LBS. NET

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## DESCRIPTION

**TROYSAN 174** is a non-metallic, organic biocide designed for use in products which are subject to bacterial deterioration. Examples of such products are latex paints, resin emulsions, adhesives, pigment dispersions, joint cements, cutting oils, and drilling additives. It is supplied as a clear amber water-soluble liquid. **TROYSAN 174** is a broad spectrum biocide. The following list is a sampling of the types of organisms against which 174 has demonstrated efficacy.



### ORGANISMS

### MIC(ppm)

|                             |            |
|-----------------------------|------------|
| Pseudomonas aeruginosa      | 150 - 200  |
| Pseudomonas fluorescens     | 300 - 500  |
| Enterobacter aerogenes      | 150 - 250  |
| Escherichia coli            | 250 - 500  |
| Bacillus subtilis           | 150 - 250  |
| Staphylococcus aureus       | 150 - 250  |
| Desulfovibrio desulfuricans | 10 - 30    |
| Proteus vulgaris            | 150 - 250  |
| Serratia marcescens         | 150 - 250  |
| Aureobasidium pullulans     | 800 - 1000 |
| Aspergillus niger           | 250 - 500  |
| Penicillium sp.             | 250 - 500  |

## USE

**TROYSAN 174** is used in all products where water is a primary component. Normal use levels range from 0.1% - 0.3% based on the total weight of the formulation. **TROYSAN 174** should be added to the latter phase of the manufacturing process. It may be applied to inert carriers prior to addition to improve flow characteristics. It should not be exposed to temperatures exceeding 125°F for prolonged periods of time. Further, **TROYSAN 174** is not suitable for use in products with a pH below 3.

## ADVANTAGES

- Lowest cost biocide
- Broad spectrum biocide
- Ease of incorporation
- Over 10 years of successful field performance
- Long lasting efficacy
- Excellent freeze-thaw stability as well as a low freezing point

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TROY CORPORATION  
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## TECHNICAL BULLETIN

### TROYSAN 174

#### PACKAGING

TROYSAN 174 is supplied in:

55 gallon drums . . . . . (500 lbs. net)  
15 gallon drums . . . . . (125 lbs. net)  
5 gallon pails . . . . . (45 lbs. net)

#### HANDLING AND STORAGE

Avoid storage at temperatures exceeding 120°F for extended periods of time. When handling, avoid contact with abraded skin or eyes. If accidental contact occurs, flush affected area with large volumes of water for at least 15 minutes and seek medical attention. Harmful if ingested. Use in well ventilated area and follow accepted housekeeping practices. See container label for complete precautionary statements and storage and disposal instructions.

#### TYPICAL PROPERTIES

|                                 |                             |
|---------------------------------|-----------------------------|
| Active Ingredients:             |                             |
| 2[(Hydroxymethyl)amino] ethanol | 97.0%                       |
| Physical Form:                  | Clear amber liquid          |
| Specific Gravity:               | 1.14 - 1.16                 |
| Lbs/Gal:                        | 9.5 - 9.6                   |
| pH:                             | 11.0 - 11.7                 |
| Viscosity (Gardner)             | L Max.                      |
| Color (Gardner)                 | 7 Max.                      |
| Solubility                      | Completely soluble in water |

**NOTE:** The above typical properties are not considered as purchase specifications.

**REVISED:** July 16, 1992.

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