

BIRKO
CHEMICAL
Corporation
DENVER, COLORADO

12-1-72
10147-8

BIRKOLENE

CLEANS - SANITIZES - DEODORIZES
CONTAINS BIODEGRADABLE DETERGENTS

DANGER: KEEP OUT OF REACH OF CHILDREN
NOT FOR USE OR STORAGE AROUND THE HOME ENVIRONMENT
SEE LEFT SIDE OF LABEL FOR ADDITIONAL DANGERS

GALLONS

BIRKO CHEMICAL CORPORATION, 5600 BRIGHTON BOULEVARD, DENVER, COLORADO
P. O. BOX 1315, DENVER, COLORADO 80201

E.P.A. Registration No. 10147-8

ACTIVE INGREDIENTS

o-Dichlorobenzene 32.32%

Ammonium Lauryl Sulfate 5.14%

INERT INGREDIENTS 62.54%

100.00%

DANGER:

Keep out of reach of children

Harmful if swallowed or absorbed through the skin

Avoid breathing of vapor

Avoid contact with eyes, skin or clothing

Wash thoroughly after using

Avoid contamination of foodstuffs

FIRST AID

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol

KEEP FROM FREEZING

DO NOT ALLOW BIRKOLENE TO CONTACT MEAT OR FOODSTUFFS

RINSE EMPTY CONTAINER THOROUGHLY WITH WATER AND DISCARD IT.

12-1-72
UNDER THE FEDERAL INSECTICIDE ACT
EPA REG. NO. 10147-8

Comment

Authorized for Use Under U.S.D.A. Animal, Plant, Health Inspection Service Inspection Program for Poultry, Meat, Rabbit and Egg Product Plants for sewage and drain lines, toilets, and dressing rooms.

USE BIRKOLENE TO OBTAIN THESE ADVANTAGES

REDUCES BACTERIA NUMBERS OF SALMONELLA TYPHOSA, SALMONELLA CHOLERAESUIS, ESCHERICHIA COLI, and STAPHYLOCOCCUS AUREUS.

CLEANS AND SANITIZES - - FAST AND EASILY

- DRAIN GRATINGS
- DRESSING ROOMS AND BATHROOMS
- FIXTURES, TOILETS, SHOWERS, WASH BASINS AND FLOORS
- OTHER GERM-RIDDEN AREAS
- DESTROYS DISAGREEABLE ODORS - - NOW!

DIRECTIONS FOR GENERAL CLEANING AND SANITIZING OTHER THAN IN EDIBLE PRODUCT PROCESSING AREAS.

Use one part BIRKOLENE to 40 parts water for spraying or handwashing walls, ceilings and floors. Allow to stand ten minutes, then rinse well with potable water.

DIRECTIONS FOR CLEANING AND SANITIZING DRAIN GRATINGS

Dilute one to two cups of BIRKOLENE with one gallon of water and use this solution, with scrubbing to clean the top and bottom sides of all drain gratings in the kill floor, fabrication and other working areas. Pour the excess down the drain. Allow to stand ten minutes before rinsing with a gallon of potable water. BIRKOLENE WILL CLEAN DRAIN LINES and GREASE TRAPS as it stands overnight enroute to sewer.

TO UNPLUG SEWER LINES

Use BIRKOLENE undiluted, one to 25 gallons depending upon the size of the plug. Allow to remain 12 hours or more. Flush with hot water. BIRKOLENE will not permit resolidification downstream in the line as do other sewer cleaners.

ACCEPTED WITH COMMENTS

BIRKO
CHEMICAL
Corporation
 DENVER, COLORADO

product report

ROUTE TO: **ACCEPTED**
 12-1-72
 UNDER THE FEDERAL INSECTICIDE,
 FUNGICIDE AND RODENTICIDE ACT
 FOR ECONOMIC POISON REGISTERED
 UNDER NO. 10147-8

EXECUTIVE OFFICES: PHONE: (303) 244-5053 or 623-4161, P. O. BOX 1315 • DENVER, COLORADO 80201

PLUGGED DRAIN LINES.....USE BIRKOLENE

Comment



Chief Engineer, Lowell Adams,
 "Leans on BIRKOLENE"



Monfort Packing Plant, Greeley, Colorado,
 "ULTRA MODERN" Killing & Breaking



PREVENTATIVE
 MAINTENANCE

PLUGGED LINE

400 feet of 4-1/2 inch drain line from breaking plant travels underground 25 feet for a distance of 300 feet--then rise 25 feet to catch basin. Line became completely plugged with grease--concrete and construction residue. Rodding did not open this line during two days of effort.

BIRKOLENE TREATMENT

25 gallons of BIRKOLENE forced into line.

BIRKOLENE ACTION

BIRKOLENE penetrated hardened mass and loosened sludge to state of movable mass. Pumps discharged this broken-down sludge with ease.

PIPE REMAINS CLEAN

BIRKOLENE treatment penetrates to pipe wall releasing build-up at adhesion point allowing unrestricted flow and eliminating future build-up.

PLUGGED LINE

400 feet of 4-1/2 inch drain line from breaking plant travels underground 25 feet for a distance of 300 feet--then rise 25 feet to catch basin. Line became completely plugged with grease--concrete and construction residue. Rodding did not open this line during two days of effort.

BIRKOLENE TREATMENT

25 gallons of BIRKOLENE forced into line. Allow to remain 18 hours. Plug was pulled and hot water applied from opposite end. Grease and residue slowly started to ooze out. Progressively increase. Eight hours later 25 additional gallons BIRKOLENE applied to line and allowed to remain over Sunday.

LINE OPENED

Monday morning pumps turned on and line opened with full flow.

BIRKOLENE ACTION

BIRKOLENE penetrated hardened mass and loosened sludge to state of movable mass. Pumps discharged this broken-down sludge with ease.

PIPE REMAINS CLEAN

BIRKOLENE treatment penetrates to pipe wall releasing build-up at adhesion point allowing unrestricted flow and eliminating future build-up.

PREVENTATIVE MAINTENANCE

Add small amount BIRKOLENE to floor drains each night and flush with water. This insures against build-up in pipes.

ELECTROCHEMISTRY BIRKOLENE

BIRKOLENE combined with water forms an emulsion which solubilizes fats and eliminates build-up.

BIRKOLENE reduces bacteria numbers and checks sulfide gas producing bacteria, but does not sanitize sewer.

Engineers to the Meat Packing, Food Processing and Allied Industries

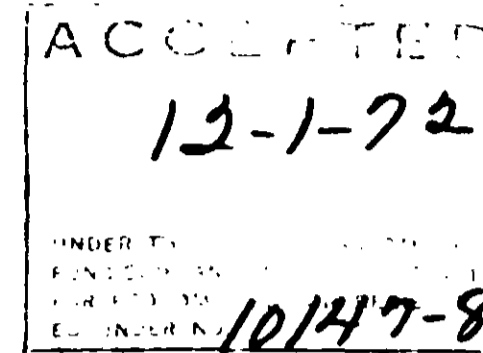
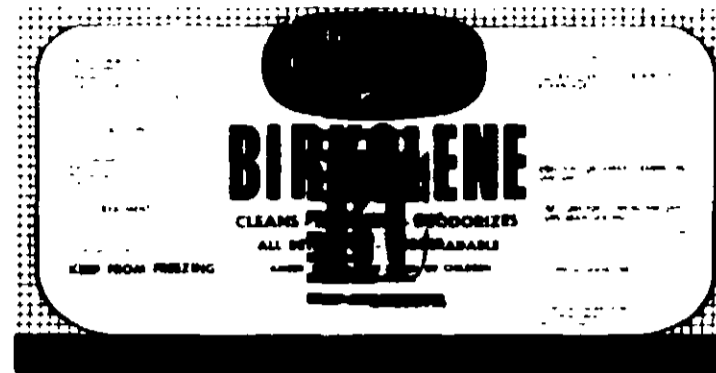
T. M. REG.

BC

BIRKO
CHEMICAL

X
product report

ROUTE TO



CLEANS - DEODORIZES - SANITIZES

USE BIRKOLENE TO OBTAIN THESE ADVANTAGES:

REDUCES BACTERIA NUMBERS OF SAMONELLS TYPHOSA, SAMONELLA CHOLERAESIUS, ECHERICHIA COLI, STAPHYLOCOCCUS, AUREUS and OTHER DANGEROUS BACTERIA. CLEANES AND SANITIZES -- FAST AND EASILY

- DRAIN GRATINGS
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- FIXTURES, TOILETS, SHOWERS, WASH BASINS AND FLOORS
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ACCEPTED WITH COMMENTS

7/71

to the Meat Packing, Food Processing and Allied Industries

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X
product report

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PHONES: PHONE: (303) 244-5053 or 623-4161, P. O. BOX 1315 • DENVER, COLORADO 80201



ACCEPTED
12-1-72

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. *10147-8*

Comment

CLEANS - DEODORIZES - SANITIZES

TO OBTAIN THESE ADVANTAGES:

KILLS MILLIONS OF SAMONELLS TYPHOSA, SAMONELLA CHOLERAESIUS, STAPHYLOCOCCUS AUREUS and OTHER DANGEROUS BACTERIA. SANITIZES -- FAST AND EASILY