

MATERIAL SAFETY DATA SHEET

PRODUCT:
PATHOCIDE

D.O.T. : Not Regulated or Regulated
Shipping Name (If regulated) :

SECTION I

Manufactured By:
RUHOF CORPORATION
393 SAGAMORE AVENUE
MINEOLA NY 11501-1919

Emergency Phone: 1-800-424-9300
Information Phone: 516-294-5888
Date Prepared: 10/20/06
Signature of Preparer (optional):

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	OSHA PEL	CAS #	%
Specific Chemical Identity (Common Name) :			
O-BENZYL-P-CHLOROPHENOL	5 PPM	120-32-1	
O-PHENYLPHENOL		90-43-7	
P-TERTIARY-AMYLPHENOL		80-46-6	
SODIUM SALT OF ALKYL DIPHENYL OXIDE	5Mg/cuM	119345-04-9	
ISOPROPANOL	400 PPM	67-63-0	
POTASSIUM HYDROXIDE	2Mg/cuM	1310-58-3	
Sara Hazard: Fire? NO Pressure? NO Reactivity? NO Acute? NO Chronic? NO			

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	215 F	Specific Gravity (water=1):	1.03
Vapor Pressure (mm Hg) :	N/D	Melting Point:	BELOW 32 F
Vapor Density (Air=1):	N/D	Evaporation Rate:	1.0
pH:	12.2	Evaporation Standard:	WATER
Solubility in Water:	EMULSIFIES		
Appearance & Odor:	DARK GREEN LIQUID, MEDICINAL-ALCOHOL ODOR.		

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) : 120 F (COC)
Flammable Limits in Air (%) : N.A Lower: N/A Upper: N/A
Extinguishing Media: WATER-SPRAY/FOG/STREAM;CO2; DRY CHEMICAL;FOAM;EARTH/SAND.

Special Fire Fighting Procedures:
FIGHT SURROUNDING FIRE.

Ratings	NFPA	HMIS
Health	1	0
Fire	0	0
Reactivity	0	0

Fire/Explosion Hazards:
COMBUSTIBLE.

SECTION V – REACTIVITY DATA

Stability: Unstable Stable
Conditions to Avoid: NONE
Materials to Avoid: STRONG ACIDS
Hazardous Decomp/Byproducts: NONE KNOWN
Hazardous Polymerization: May Occur Will Not Occur
Conditions to Avoid: NONE

=====SECTION VI – HEALTH HAZARD DATA=====

Routes of Entry: Inhalation?NO Skin?YES Ingestion?YES

Acute & Chronic Health Hazards:

INGESTION: HARMFUL OR FATAL IF SWALLOWED. EYES: CAN CAUSE EYE DAMAGE. SKIN: MAY CAUSE IRRITATION.

Carcinogenicity:NO **NTP:**NO **IARC:**NO **OSHA Regulated:**NO

Signs/Symptoms of Exposure:

IRRITATION OF SKIN AND EYES. IRRITATION OF RESPIRATORY TRACT. MAY CAUSE ALLERGIC REACTION.

Medical Conditions Generally Aggravated by Exposure:

DERMATITIS.

Emergency and First Aid Procedures:

INGESTION- RINSE MOUTH AND THROAT WITH WATER. SKIN AND EYES- FLUSH WITH FRESH WATER-IN THE CASE OF ANY SYMPTOMS-SEE DOCTOR.

=====SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE=====

In case Material is Released or Spilled:

CLEAN UP WITH WATER.

Waste Disposal Method:

COLLECT SPILLAGE, BURY IN APPROVED LANDFILL. SMALL QUANTITIES CAN BE BURNED IN AN APPROVED INCINERATOR.

Precautions to be Taken in Handling and Storing:

AVOID CONTAMINATION OF FOOD.

Other Precautions:

NONE.

=====SECTION VIII – CONTROL AND PROTECTION MEASURES=====

Respiratory Protection:

NIOSH/ MESA APPROVED FILTER-DUST, FUME, MIST.

Ventilation: YES **Special Ventilation:** NO **Local Exhaust Needed:** NO **Mechanical:** YES **Other:** NO
(General)

Protective Gloves: NEOPRENE, BUTYL RUBBER, PVC (VINYL), NATURAL RUBBER, POLYETH.

Eye Protection: SAFETY GOGGLES.

Clothing/Equipment: NO SPECIAL CLOTHING

Work/Hygiene: EYE WASH, SAFETY SHOWER NEARBY. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

=====

The information provided in this MSDS has been obtained from sources believed to be reliable. The manufacturer provides no warranties, either expressed or implied, and assumes no responsibility for accuracy or completeness of the data contained herein. The information is offered for your consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use. The manufacturer knows of no medical conditions other than those noted on this MSDS, which are generally recognized as being aggravated by exposure to this product.