

Material Safety Data Sheet

VIRO RESEARCH

178 Bodo Drive, Unit C

Durango, CO 81301

Phone Number (For general product information)
1-303-247-1505

ENVIROCID

Identity (trade name as shown on label)

Date Prepared

June 1995

Reporting/Emergency Phone Number

1-800-255-3924 (Chem-Tel)

SECTION 1- MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS -- Hazardous Components in formula 1% or Greater; Carcinogens 0.1% or Greater	PERCENT IN FORMULA	CAS	OSHA PEL	ACGIH TLV
*Isopropanol (Active)	15.3%	67-63-0	400ppm	980mg/m(3)
*Dowanol EB (Inert)	3.0%	111-76-2	25ppm	25ppm
Other Components	81.7%			
TOTAL	100%			

The actual amounts of the above listed components emitted into the breathing zone during normal use are far below OSHA's permissible exposure limit (PEL) and therefore pose no threat to the user.

SECTION 2- PHYSICAL / CHEMICAL CHARACTERISTIC

Bolling Point	170° F -- 200° F	Specific Gravity	H (2)O = 1	96 to 1.015
Vapor Pressure (mm Hg and Temperature)	0.2 to 4.7	Melting Point	N/A	
Vapor Density (Air =1)	+1	Evaporation Rate		Similar to water
Solubility In Water	100%	Water Reactive		N/A
Appearance and Odor	Wintergreen/mint with slight alcohol fragrance. Clear to amber in color. Note: As this product seasons it may become amber / brownish in color. This change in no way effects its efficacy.			

SECTION 3- FIRE AND EXPLOSION HAZARD DATA

Flash Point	Closed Cup Method	Auto-Ignition Temperature	Flammability Limits in Air % by Volume
	38.1 °C	None	None
Extinguisher Media	N/A		
Special Fire Fighting Procedures	None	Unusual Fire and Explosion Hazards	None

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY	Conditions To Avoid	Incompatibility
Stable	Temperatures above 120° F.	Concentrated Acids
Hazardous Decomposition	None	
HAZARDOUS POLYMERIZATION	Will not occur	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	EYE CONTACT-1	INGESTION-2	SKIN CONTACT-3
HEALTH HAZARDS	Acute Chronic	1-Direct eye exposure may result in slight reversible eye irritation. 2-Gastric distress 3-Dermal irritation <u>None Known.</u>	
Signs and Symptoms of Exposure	Other than above, none known.		
Medical Conditions Generally Aggravated by Exposure	None known.		
EMERGENCY FIRST AID PROCEDURES - Seek medical assistance for further treatment, observation and support if necessary.			
Eye Contact-1	Flush with water. Be sure to remove contact lenses if present. Seek medical advice if irritation persists.		
Ingestion-2	Contains detergents and solvents. Do not induce vomiting. Seek medical advice if upset stomach or gastric distress persists.		
Skin contact-3	Rinse with water. If redness persists seek medical advice. Because this formula is not listed as a skin irritant, the appearance of rash or redness may be symptomatic of allergy or other condition.		

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type)	None required		
Protective Gloves	None required	Eye Protection	Avoid direct eye contact.
VENTILATION REQUIREMENT	Ordinary Room Ventilation (Mechanical)		
Other Protective Clothing and Equipment	None Required		

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken if Material Is Spilled Or Released	Wipe up or rinse using plain water.
Waste Disposal Methods	Ordinary waste system.
Precautions to be Taken in Handling and Storage	Store below 120° F.
Other Precautions and/or Special Hazards	None
Hygienic work practices	

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (HUMAN IMMUNODEFICIENCY VIRUS)

THIS PRODUCT EFFECTIVELY KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS IN HEALTHCARE SETTINGS OR OTHER SETTINGS IN WHICH THERE IS AN EXPECTED LIKELIHOOD OF SOILING OF INANIMATE SURFACES / OBJECTS WITH BLOOD / BODY FLUIDS, AND IN WHICH THE SURFACES / OBJECTS CAN BE ASSOCIATED WITH THE POTENTIAL FOR TRANSMISSION OF HUMAN IMMUNODEFICIENCY VIRUS TYPE-1 (HIV-1).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (HUMAN IMMUNODEFICIENCY VIRUS) OF SURFACES / OBJECTS SOILED WITH BLOOD / BODY FLUID: Personal Protection: Wear appropriate barrier protection such as latex gloves, gowns, mask or eye coverings. Cleaning Procedures: Blood and other bodily fluids must be thoroughly cleaned from surface and objects before disinfection with this product. Contact time: While the HIV-1 VIRUS is inactivated in two minutes, use the recommended contact time for the disinfection of other organisms listed on the label. Infectious Materials Disposal: Cleaning materials used that may contain blood or other bodily fluids should be autoclaved and / or disposed of in accordance with local regulations for infectious materials disposal.