

MATERIAL SAFETY DATA SHEET
 (Complies with OSHA Communication Standard 29CFR 1910.1200 Dept. of Labor.)

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TM57606 Medicide Disinfectant Spray EPA Registration No. 334-214

HYSAN/AMP

Revision Date: 3/1/99

MANUFACTURER/SUPPLIER'S/NAME:

Hysan/AMP, 9055 Freeway Drive, Macedonia, OH 44056 (330) 467-4195

COMPOSITION INFORMATION ON INGREDIENTS

PRODUCT CAS REG NO. UNITS	COMPOSITION/ WGT. %	ACGIH TLV		OSHA PEL		
		TWA	STEL	TWA	STEL	
Ethanol 64-17-5	50-60	1000	1000	ppm		
Deionized Water 7732-18-5	20-30	NA	NE	NA	NE	NA
Propane/Isobutane/n-Butane 74-98-6	15-25	1000	Asphyxiant	1000	Asphyxiant	ppm

Additional Component Information:

NA

HAZARDS IDENTIFICATION

HEALTH HAZARD DATA (ACUTE AND CHRONIC)

May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal.

OTHER:

OTHER:

CARCINOGENICITY:

NA

FIRST AID

Give oxygen. Do not induce vomiting. Wash eyes and skin with water for 15 minutes. Get medical help.

ROUTES OF ENTRY

Ingestion, Inhalation, Skin

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Inhalation - Difficulty in breathing. Skin - redness. Ingestion - vomiting.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Heart Disease, Respiratory Disorders

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	-7.1F to 212F
Vapor Pressure at 70F	63
VAPOR DENSITY (AIR=1)	4.0
EVAP. RATE(BUTYL ACETATE=1)	<1
SPECIFIC GRAVITY (WATER=1)	0.8
Solubility	Soluble
Appearance	Clear

Odor Lavender
PH: Not Applicable

STABILITY AND REACTIVITY

STABILITY: STABLE
INCOMPATIBILITY:- Strong oxidizers
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:- Carbon dioxide.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65:

NONE

Ozone Depleting Substances:

None

HMS:

FLAMMABILITY 4 , REACTIVITY 0 , HEALTH 1

NFPA:

FLAMMABILITY 4 , REACTIVITY 0 , HEALTH 1

SARA 313 TITLE III - TOXIC CHEMICALS LIST:

None

DOT Shipping Name:

Consumer Commodity, ORM-D

CONTROL MEASURES

Respiratory Protection Equipment

Use NIOSH approved respirator if TLV limit is exceeded.

VENTILATION:

Local exhaust - yes

PROTECTIVE GLOVES:

None required if spraying.

EYE AND FACE PROTECTION:

Safety glasses.

OTHER PROTECTIVE EQUIPMENT:

Long Sleeves and Long pants

SAFE HANDLING

Do not smoke while using. Wash hands after use.

PRECAUTIONS FOR SAFE HANDLING AND USE

Flash Point -156F

LOWER EXPLOSION LIMIT : 1.9

UPPER EXPLOSION LIMIT : 9.5

EXTINGUISHING MEDIA:- Water fog, carbon dioxide, foam, dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS:- Heated cans may burst.

SPECIAL FIRE FIGHTING PROCEDURES Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.

SPILL PROCEDURES: Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

WASTE DISPOSAL METHODS: Dispose as hazardous waste in accordance with EPA RCRA.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep away from heat, sparks, or open flame. Store at temperatures below 120F.

OTHER INFORMATION: When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator. Toxic to fish, birds and other wildlife.

NFPA 30B Level:

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