

MATERIAL SAFETY DATA SHEET (MSDS)

AEROSOL LIQUID BUFFER

SECTION I

EMERGENCY TELEPHONE NO.

TRADE NAME
(if None, Put Chemical). Aerosol Liquid Buffer

(918) 687-5427 (7AM-12M)

CHEMICAL NAME
AND SYNONYMS

MANUFACTURER'S NAME
AND TELEPHONE NO. H.B. Egan Manufacturing Company

(918) 687-5427

ADDRESS (Number, Street
City, State, Zip Code) P.O. Box 769

Muskogee

OK 74402--769

SECTION II - HAZARDOUS INGREDIENTS

%

TLV

PEL

UNITS

Product consists of:
1,1,1-Trichloroethane
Non-hazardous ingredients*

100

350

350

PPM

*Unidentified ingredients are not considered
hazardous under the Federal Hazard Communication
Standard (29 CFR 1910.1200).

SECTION III - PHYSICAL DATA

BOILING POINT (°F)

165

SPECIFIC GRAVITY (H₂O=1)

1.3-1.4

VAPOR PRESSURE (MM Hg)

100

PERCENT VOLATILE
BY VOLUME (%)

>90

VAPOR DENSITY (AIR=1)

>1

pH

SOLUBILITY IN WATER

Insoluble

EVAPORATION RATE

(Ether=1)

<1

APPEARANCE AND ODOR

Clear liquid; solvent odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)

NONE

FLAMMABLE LIMITS

LEL

8%

UEL

10.5%

EXTINGUISHING MEDIA

Carbon dioxide, dry chemical, foam or water fog

SPECIAL FIRE

FIGHTING PROCEDURES Wear Self-Contained Breathing Apparatus (SCBA).

UNUSUAL FIRE AND

EXPLOSION HAZARDS None known.

NA - Not Applicable

NE - Not Established

UN - Unavailable

15

SECTION V - HEALTH HAZARD INFORMATION

TLV

SYMPTOMS/EFFECTS OF OVEREXPOSURE Respiratory irritation, headache, nausea, dizziness, fatigue, confusion, unconsciousness. Central nervous system depression. Prolonged or repeated skin contact may lead to drying, irritation and dermatitis. Possible skin absorption. Eye contact causes burning and irritation.

FIRST AID

EYES Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.

SKIN Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists.

INHALATION Move victim to fresh air and restore breathing if necessary. Stay with victim until arrival of emergency medical personnel.

INGESTION Contact local poison control center or physician IMMEDIATELY!

SECTION VI - REACTIVITY DATA

STABILITY Normally Stable.

Avoid heat, sparks, open flame

INCOMPATIBLE MATERIALS Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS Combustion may produce Carbon monoxide, Carbon dioxide

SECTION VII - SPILL OR LEAK PROCEDURES

PROCEDURES Wear personal protective equipment (See Section VIII). Remove heat and ignition sources; ventilate the area; clean up with inert absorbant.

WASTE DISPOSAL METHOD Waste may be burned in an approved incinerator, or dispose of according to Local, State, and Federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY If TLV is exceeded, or for symptoms of overexposure, wear a NIOSH-approved respirator for organic vapors.

EYEWEAR Wear chemical safety goggles.

CLOTHING/GLOVES Wear butyl rubber or other chemical-resistant gloves and apron or coveralls as needed to prevent skin contact.

VENTILATION Local exhaust may be necessary under some handling/use conditions. Specific needs should be addressed by supervisory or health/safety personnel.

SECTION IX - SPECIAL PRECAUTIONS

FLAMMABLE LIQUID. Store in closed container in cool, well-ventilated area.

APPROVAL

NAME

TITLE

DATE

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.