

ZEP MFG CO DIV OF NATIONAL SERVICE INDUSTRIES -- METER MIST NO ODOR, 3334, AEROSOL  
DEODORANT -- 6840-01-207-3905

===== Product Identification =====

Product ID:METER MIST NO ODOR, 3334, AEROSOL DEODORANT

MSDS Date:04/20/1999

FSC:6840

NIIN:01-207-3905

MSDS Number: CKJYN

=== Responsible Party ===

Company Name:ZEP MFG CO DIV OF NATIONAL SERVICE INDUSTRIES

Address:1310 SEABOARD INDUSTRIAL BLVD NW

Box:2

015

City:ATLANTA

State:GA

ZIP:30301

Country:US

Info Phone Num:404-352-1680

Emergency Phone Num:(800)424-9300

Chemtrec Ind/Phone:(800)424-9300

CAGE:27674

=== Contractor Identification ===

Company Name:LAMINATION SERVICE INC

Address:4040 WILLOW LAKE BLVD

Box:750365

City:MEMPHIS

State:TN

ZIP:38118-7047

Country:US

Phone:901-794-3032

Contract Num:SP0400-00-A-B701-0004

CAGE:4U869

Company Name:ZEP MANUFACTURING COMPANY

Address:1310 SEABOARD INDUSTRIAL BLVD NW

Box:2015

City:ATLANTA

State:GA

ZIP:30318

Co

Country:US  
Phone:877-428-9937  
Contract Num:SP0450-02-M-M043  
CAGE:27674

=====  
Composition/Information on Ingredients  
=====

Ingredient Name:ACETONE (DIMETHYL KETONE)

CAS:67-64-1  
RTECS #:AL3150000  
Minimum % Wt:55.  
Maximum % Wt:65.  
OSHA PEL:2400 MG/M3;1000 PPM  
ACGIH TLV:1780 MG/M3;750 PPM  
ACGIH STEL:2380 MG/M3;1000 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingredient Name:ETHANOL, (ETHYL ALCOHOL:GRAIN ALCOHOL)

CAS:64-17-5  
RTECS #:KQ6300000  
&lt; Wt:10.  
OSHA PEL:1900 MG/M3;1000 PPM  
ACGIH TLV:1880 MG/M3;1000 PPM

Ingredient Name:LIQUEFIED PETROLEUM GAS, (PROPANE)

CAS:68476-85-7  
RTECS #:SE7545000  
Minimum % Wt:20.  
Maximum % Wt:30.  
OSHA PEL:1800 MG/M3;1000 PPM  
ACGIH TLV:1800 MG/M3;1000 PPM

=====  
Hazards Identification  
=====

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: DIRECT CONTACT WITH THE SPRAY  
MIST CAN CAUSE EYE IRRITATION SUCH AS STINGING AND BURNING. THIS  
PRODUCT MAY CAUSE SLIGHT SKIN IRR

ITATION IF CONTACT IS PROLONGED.

CHRONIC: CHRONIC EFFECTS FROM PRODUCT VAPORS/MISTS WOULD ONLY RESULT FROM PROLONGED OR REPEATED CONTACT, WHICH IS UNLIKELY DUE TO THE PACKAGING OF THIS PRODUCT. SPECIAL NOTE: MSDS DATA PERTAINS TO THE PRODUCT AS DISPENSED FROM THE CONTAINER. ADVERSE HEALTH EFFECTS WOULD NOT BE EXPECTED UNDER RECOMMENDED CONDITIONS OF USE (DILUTED) SO LONG AS PRESCRIBED SAFETY PRECAUTIONS ARE PRACTICED.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS ARE LISTED AS

CARCINOGENS BY IARC, NTP,OR OSHA.

Effects of Overexposure:EYES: IRRITATION, STINGING, BURNING. SKIN: IRRITATION.

Medical Cond Aggravated by Exposure:NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY OVEREXPOSURE TO THIS PRODUCT OR INGREDIENTS IN THIS PRODUCT.

=====  
===== First Aid Measures =====

First Aid:SKIN: WASH CONTAMINATED SKIN THOROUGHLY WITH SOAP OR A MILD DETERGENT. APPLY A SKIN CREAM WITH LANOLIN. GET MEDICAL ATTENTION

IF IRRITATION PERSISTS. EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING UPPER AND LOWER LIDS. GET MEDICAL ATTENTION AT ONCE. INHALATION: MOVE EXPOSED PERSON TO FRESH AIR. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION PROMPTLY. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIP LEVEL. GET EMERGENCY MEDICAL ATTENTION IMMEDIATELY.

=====  
===== Fire Fighting Measures =====

Flash Point:NOT FLAMMABLE

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL AND FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:DIRECT WATER ONTO INTACT CONTAINERS TO PREVENT BURSTING.

=====  
===== Accidental Release Measures =====

Spill Release Procedures:DURING SPILL CLEAN-UP, AVOID DIRECT INHALATION OF CONCENTRATED SPRAY MIST AND DO NOT DIRECT SPRAY TOWARD PEOPLE.

LARGE SPILLS ARE UNLIKELY DUE TO PACKAGING. SPILL MAY BE ABSORBED ON AN INERT ABSORBENT MATERIAL (EG ZEP-O-ZORB), AND PLACED IN A SUITABLE CONTAINER FOR DISPOSAL. WASH AREA THOROUGHLY WITH A DETERGENT SOLUTION AND RINSE WELL WITH WATER.

=====  
===== Handling and Storage =====

Handling and Storage Precautions:DO NOT STORE AT TEMPERATURES ABOVE 120F (39C) OR IN DIRECT SUNLIGHT, CONTAINER MAY BURST IF HEATED ABOVE 120F (39). DO NOT CRUSH, PUNCTURE OR INCINERATE CONTAINER.

KEEP PRODUCT OUT OF EYES. KEEP OUT OF REACH OF CHILDREN.

=====  
===== Exposure Controls/Personal Protection =====

Respiratory Protection:AVOID DIRECT INHALATION OF CONCENTRATED SPRAY MIST AND DO NOT DIRECT SPRAY TOWARD PEOPLE.

Ventilation:NO SPECIAL MEASURES ARE REQUIRED.

Protective Gloves:NO SPECIAL MEASURES ARE REQUIRED.

Eye Protection:NO SPECIAL MEASURES ARE REQUIRED.

Other Protective Equipment:PROTECTIVE CLOTHING: NO SPECIAL MEASURES ARE REQUIRED.

Supplemental Safety and Health

=====  
===== Physical/Chemical Properties =====

HCC:V2

Boiling Pt:=55.6C, 132.F

B.P. Text:INITIAL

Vapor Pres:N/D

Vapor Density:N/D

Volatile Org Content %:30

Spec Gravity:0.820

Evaporation Rate & Reference:N/D

Solubility in Water:PARTIAL

Appearance and Odor:A VERY DRY SPRAY WITH A PLEASANT FRAGRANCE.

=====  
===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE

Hazardous De

composition Products:CARBON DIOXIDE, CARBON MONOXIDE, AND  
OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Ecological Information =====

Ecological:EPA TSCA CHEMICAL INVENTORY: ALL INGREDIENTS ARE LISTED. EPA  
CWA 40 CFR PART117 SUBSTANCE (RQ IN A SIGLE CONTAINER): NONE.

===== Disposal Considerations =====

Waste Disposal Methods:DO NOT CRUSH, PUNCTURE, INCINERATE SPENT  
CO  
NTAINERS. LARGE NUMBERS OF AEROSOL CONTAINERS MAY REQUIRE  
HANDLING AS HAZARDOUS WASTE, BUT IN MOST STATES TOTAL HAZARDOUS  
WASTE QUANTITIES LESS THAN 220 LBS PER MONTH MAY ALLOW DISPOSAL IN  
CHEMICAL OR INDUSTRIAL WASTE LANDFILL. CONSULT LOCAL, STATE,  
FEDERAL AGENCIES FOR PROPER DISPOSAL METHOD IN YOUR AREA.

===== MSDS Transport Information =====

Transport Information:DOT PROPER SHIPPING NAME: CONSUMER COMMODITY.

HAZARD CLASS: ORM-D. DOT PACKING

GROUP: N/A. DOT ID NUMBER: N/A.

DOT LABEL/PLACARD: ORM-D. THIS INFORMATION IS ON MANUFACTURERS  
MSDS. MANUFACTURER, BY TEL EPHONE, STATED THAT THE PRODUCT TESTS  
"NOT FLAMMABLE" BASED ON THE FLAME EXTENSION TEST. HOWEVER,  
PRODUCT FITS THE DEFINITION OF A FLAMMABLE AEROSOL, AS DEFINED IN  
IATA REGULATIONS, 3.2.5.2.2.AND IM O IMDG CODE P. 2102 FOR CLASS  
2.1. PRODUCT CONTAINS MORE THAN 45% BY WEIGHT OF FLAMMABLE  
COMPONENTS WITH FLASH POINT LESS THAN 100C (212F). PRODUCT

ALSO

QUALIFIES AS A "CONSUMER COMMODITY, CLASS ORM-D .

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the

suitability of this information to their particular situation.