



Common Name: 34720 MEDAPHENE DISINFECTANT SPRAY

Manufacturer: ITW DYMON

MSDS Revision Date: 8/18/2005

Grainger Item Number(s): 3U037

Manufacturer Model Number(s):

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MATERIAL SAFETY DATA SHEET

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

HMIS (R*) :
HEALTH 2
FLAMMABILITY 3
REACTIVITY 0
PERSONAL PROTECTION B

IDENTITY (AS USED ON LABEL AND LIST) :
34720 MEDAPHENE DISINFECTANT SPRAY
EPA REG. NO.: 211-32-11694

NOTE:
BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, OR NO INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

SECTION I



MANUFACTURER'S NAME: ITW DYMON

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE) :
805 EAST OLD 56 HIGHWAY
OLATHE, KANSAS 66061

EMERGENCY TELEPHONE NUMBER: 1-800-535-5053

TELEPHONE NUMBER FOR INFORMATION: 1-913-397-9889

DATE PREPARED: AUGUST 18, 2005

SIGNATURE OF PREPARER (OPTIONAL) : REGULATORY DEPT.

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION



| HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S)) | CAS NO. | OSHA PEL | ACGIH-TLV |
|---|---------|-------------|-------------|
| ETHANOL | 64-17-5 | 1000 PPM | 1000 PPM |
| ISOBUTANE | 75-28-5 | 800 PPM | 800 PPM |
| PROPANE | 74-98-6 | 1000 PPM | 2500 PPM |
| ORTHOPHENYLPHENOL* | 90-43-7 | NONE ESTAB. | NONE ESTAB. |

| HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S)) | OTHER LIMITS RECOMMENDED | % (OPT.) |
|---|-----------------------------|----------|
| ETHANOL | | 60-100% |
| ISOBUTANE | | 10-30% |
| PROPANE | | 1-5% |
| ORTHOPHENYLPHENOL* | | <1% |

*SARA TITLE III SECTION 313 REPORTABLE

TSCA:
ALL INGREDIENTS ARE ON THE TSCA INVENTORY OR ARE NOT REQUIRED TO BE LISTED ON THE TSCA INVENTORY.

ANY SUBSTANCE LISTED AS HAZARDOUS BY THE STATES OF CALIFORNIA, FLORIDA, ILLINOIS, MICHIGAN, NEW JERSEY, OHIO, PENNSYLVANIA OR TEXAS IS DESCRIBED ABOVE IF KNOWN PRESENT IN REGULATED CONCENTRATIONS.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS



BOILING POINT CONCENTRATE: 212 DEG. F

SPECIFIC GRAVITY (H2O=1) 70 DEG. F CONCENTRATE: 0.824

PRESSURE (PSIG. @ 70 DEG. F): NO DATA

MELTING POINT: NO DATA

VAPOR DENSITY (AIR=1): NO DATA

EVAPORATION RATE (ETHYL ETHER=1): NO DATA

SOLUBILITY IN WATER: COMPLETE

pH: NO DATA

APPEARANCE AND ODOR - CLEAR LIQUID WITH AN ALCOHOL AND FLORAL SCENT IN AN AEROSOL CAN.

VOC'S - THIS PRODUCT CONTAINS 669 GRAMS PER LITER OR 89.5% BY WEIGHT VOC'S.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA



USA FLAME PROJECTION TEST: >18", NO FLASHBACK (FLAMMABLE)

FLAMMABLE LIMITS: NO DATA

LEL: NO DATA

UEL: NO DATA

EXTINGUISHING MEDIA: USE CARBON DIOXIDE, DRY CHEMICAL, FOAM.

SPECIAL FIRE FIGHTING PROCEDURES - USE WATER SPRAY TO KEEP CONTAINERS COOL AND VAPORS DOWN. DO NOT ALLOW RUNOFF TO ENTER SEWERS OR PUBLIC WATERCOURSES. WEAR SELF-CONTAINED BREATHING APPARATUS IN CHEMICAL FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS - AEROSOL CONTAINER (PRESSURIZED) MAY BURST IF HEATED OVER 130 DEG. F.

SECTION V - REACTIVITY DATA



STABILITY:
UNSTABLE ()
STABLE (X)
CONDITIONS TO AVOID - EXTREME HEAT, DIRECT SUNLIGHT

INCOMPATIBILITY (MATERIALS TO AVOID) - STRONG ACIDS AND OXIDIZERS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS - CARBON DIOXIDE AND CARBON MONOXIDE

HAZARDOUS POLYMERIZATION:
MAY OCCUR ()
WILL NOT OCCUR (X)
CONDITIONS TO AVOID - NONE KNOWN

SECTION VI - HEALTH HAZARD DATA



ROUTE(S) OF ENTRY:

EYES?
YES

INHALATION?
YES

SKIN?
YES

INGESTION?
NO

HEALTH HAZARDS (ACUTE AND CHRONIC) - WILL CAUSE EYE IRRITATION UPON EXPOSURE AND SKIN IRRITATION WITH PROLONGED EXPOSURE. CAN BE HARMFUL IF SWALLOWED OR IF SPRAY MIST IS INHALED.

CARCINOGENICITY: NONE KNOWN

NTP?
NO

IARC MONOGRAPHS?
NO

OSHA REGULATED?
NO

SIGNS AND SYMPTOMS OF EXPOSURE -

IF IN EYES: BURNING SENSATION, WATERING, OR REDNESS.

IF ON SKIN:
REDNESS, IRRITATION, OR BURNING SENSATION WITH PROLONGED EXPOSURE.

IF SPRAY MIST IS INHALED:
COUGHING, STUPOR, DROWSINESS OR LOSS OF CONSCIOUSNESS WITH PROLONGED BREATHING OF VAPORS.

IF SWALLOWED: POSSIBLE GASTROINTESTINAL IRRITATION OR DISTURBANCE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURES:

EYES - FLUSH WITH WATER FOR 15 MINUTES.

SKIN - WASH LIBERALLY WITH SOAP AND WATER.

IF ON CLOTHES - WASH BEFORE REUSE.

INHALATION - REMOVE TO FRESH AIR.

INGESTION - IF PATIENT IS CONSCIOUS AND ALERT, DILUTE BY DRINKING LARGE QUANTITIES OF WATER. DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. ALWAYS GET MEDICAL ATTENTION WHEN PRODUCT IS SWALLOWED OR WHEN SYMPTOMS ARE SIGNIFICANT OR PERSIST.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE



STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED -
SMALL SPILLS (LESS THAN 1 GALLON) MAY BE CONTAINED AND LEFT TO EVAPORATE.
NOTE: DILUTION WITH WATER WILL REDUCE FLASH POINT.
LARGE SPILLS (MORE THAN 1 GALLON) SHOULD BE CONTAINED AND COLLECTED (BY ABSORPTION OR VACUUMING) THEN EVAPORATED OR DISPOSED OF PROPERLY.

WASTE DISPOSAL METHOD - THIS PRODUCT IS CONSIDERED A RCRA HAZARDOUS WASTE FOR FLAMMABILITY (D001) AS IDENTIFIED IN FEDERAL REGULATIONS 40 CFR 261. DISPOSE OF PRODUCT BY USING IN ACCORDANCE WITH LABEL DIRECTIONS OR IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS (CONTACT LOCAL OR STATE ENVIRONMENTAL AGENCY FOR SPECIFIC RULES).

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING - DO NOT CONTAMINATE WATER, FOOD OR FEED. DO NOT REUSE EMPTY CONTAINERS. KEEP CONTAINERS CLEAN AND CLOSED. KEEP OUT OF REACH OF CHILDREN. DO NOT STORE NEAR IGNITION SOURCES OR AT TEMPERATURES ABOVE 120 DEG. F.

SECTION VIII - CONTROL MEASURES



RESPIRATORY PROTECTION (SPECIFY TYPE) - GENERAL VENTILATION IS NORMALLY ADEQUATE. DON NOT CREATE OR INHALE MISTS OR VAPORS. US AND APPROVED VAPOR RESPIRATOR IN TIGHT OR CLOSE AREAS.

VENTILATION:
LOCAL EXHAUST - NOT USUALLY NECESSARY
MECHANICAL (GENERAL) - NORMALLY SUFFICIENT
SPECIAL - NONE
OTHER - NONE

PROTECTIVE GLOVES - YES (RUBBER)
EYE PROTECTION - YES (GOGGLES OR APPROVED SAFETY GLASSES)
OTHER PROTECTIVE CLOTHING OR EQUIPMENT - NOT USUALLY NECESSARY.

WORK/HYGIENIC PRACTICES - WASH HANDS AFTER USING. DON NOT GET INTO EYES, ON SKIN, OR CLOTHING. MAY BE HARMFUL IF SWALLOWED, PROTECT FOOD AND DRINK FROM CONTAMINATION BY PRODUCT.

WARNING!
THE USE OF THIS PRODUCT IS BEYOND THE CONTROL OF THE MANUFACTURER; THEREFORE, NO GUARANTEE, EXPRESSED OR IMPLIED, IS MADE AS TO THE EFFECTS OF SUCH OR THE RESULTS TO BE OBTAINED IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. THE USER MUST ASSUME ALL RESPONSIBILITY, INCLUDING INJURY OR DAMAGE, RESULTING FROM ITS MISUSE AS SUCH, OR IN COMBINATION WITH OTHER MATERIALS. THE MANUFACTURER WARRANTS ONLY THAT THIS PRODUCT MEETS THE MANUFACTURER'S SPECIFICATIONS FOR SUCH PRODUCT. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. THE SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER FOR BREACH OF WARRANTY SHALL BE REIMBURSEMENT OF THE PURCHASE PRICE OF THE PRODUCT IN THE EVENT THAT A DEFECTIVE CONDITION OF THE PRODUCT SHALL BE FOUND TO EXIST. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.

34720

AUGUST 18, 2005