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Common Name: 5UT22 MARKSMAN

Manufacturer: ITW DYMON

MSDS Revision Date: 6/10/2003

Grainger Item Number(s): 5UT22

Manufacturer Model Number(s): 49490-183E

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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 1

FLAMMABILITY 2

REACTIVITY 1

PERSONAL PROTECTION A

IDENTITY (AS USED ON LABEL AND LIST): 5UT22 MARKSMAN

EPA REG. NO.: 11694-109-10637

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

MANUFACTURED FOR: W. W. GRAINGER, INC.

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE):

100 GRAINGER PARKWAY
LAKE FOREST, IL 60045-5201

MANUFACTURER'S NAME: ITW DYMON

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

EMERGENCY TELEPHONE NUMBER: 1-800-228-5635

TELEPHONE NUMBER FOR INFORMATION: (847) 535-5400

DATE PREPARED: JUNE 10, 2003

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME(S))	CAS NO.	OSHA PEL	ACGIH-TLV	OTHER LIMITS RECOMMENDED	% (OPT.)
ALIPHATIC HYDROCARBON	64742-47-8	NOT ESTAB.	NOT ESTAB.	100 PPM MANU.	60-100%
CARBON DIOXIDE	124-38-9	5000 PPM	5000 PPM	STEL 30000 PPM	3.0-7.0%

THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY COMPOUND LISTED AND IN QUANTITIES REQUIRING REPORTING UNDER SARA TITLE III SECTION 313.

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, MASSACHUSETTS, MICHIGAN, NEW JERSEY, NEW YORK, OHIO, PENNSYLVANIA OR TEXAS IS DESCRIBED ABOVE IF KNOWN PRESENT IN REGULATED CONCENTRATIONS.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:
CONCENTRATE: 369 DEG. F

SPECIFIC GRAVITY (H₂O=1):
CONCENTRATE @ 70 DEG. F: 0.789

PRESSURE (PSIG. @ 70 DEG. F): 90 +/- 5

MELTING POINT: NO DATA

VAPOR DENSITY (AIR=1): GREATER THAN ONE (1)

EVAPORATION RATE (BUTYL ACETATE=1): NO DATA

SOLUBILITY IN WATER: NEGLIGIBLE

pH: NOT APPLICABLE

APPEARANCE AND ODOR - CLEAR COLORLESS LIQUID WITH A SLIGHT PETROLEUM ODOR IN AN AEROSOL CAN.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

USA FLAME PROJECTION TEST (ASTM D-3065): 0", NO FLASHBACK

FLAMMABLE LIMITS: NO DATA

LEL: NO DATA

UEL: NO DATA

EXTINGUISHING MEDIA - TREAT AS AN OIL FIRE. WATER MAY CAUSE FIRE TO FLOAT AND SPREAD. USE CARBON DIOXIDE, DRY CHEMICAL OR 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. COMBUSTIBLE CONTENTS.

SECTION V - REACTIVITY DATA

STABILITY:

UNSTABLE ()

STABLE (X)

CONDITIONS TO AVOID - EXTREME HEAT, DIRECT SUNLIGHT

INCOMPATIBILITY (MATERIALS TO AVOID) - STRONG OXIDIZING AGENTS, ALKALI METALS, ALKALINE EARTH METALS, METAL ACETYLHALIDES AND CHROMIUM.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS - CARBON DIOXIDE, CARBON MONOXIDE, OXYGEN, SMOKE, SOOT AND VARIOUS ORGANIC OXIDATION BY-PRODUCTS.

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?

YES

HEALTH HAZARDS (ACUTE AND CHRONIC) - CAUTION. CAUSES MODERATE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. UNLIKELY TO BE SWALLOWED, BUT CONTAINS PETROLEUM DISTILLATES WHICH MAY PRESENT AN ASPIRATION HAZARD IF SWALLOWED. MAY BE HARMFUL IF INHALED. PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS. FOLLOW LABEL INSTRUCTIONS AND GOOD CHEMICAL HYGIENE PRACTICES TO AVOID THESE HAZARDS.

CARCINOGENICITY: NONE LISTED

NTP?

NO

IARC MONOGRAPHS?

NO

OSHA REGULATED?

NO

SIGNS AND SYMPTOMS OF EXPOSURE - REDNESS, DRYNESS, SCALING OR ITCHING SKIN. EXCESSIVE INHALATION OF VAPORS MAY CAUSE HEADACHES, STUPOR, OR IRRITATION OF THROAT AND EYES. SWALLOWING MAY CAUSE IRRITATION OF STOMACH AND INTESTINES RESULTING IN NAUSEA AND VOMITING.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - PRE-EXISTING SKIN AND KIDNEY CONDITIONS MAY BE ADVERSELY AFFECTED. FOLLOW GOOD CHEMICAL HYGIENE PRACTICES TO AVOID THIS HAZARD.

EMERGENCY AND FIRST AID PROCEDURES:

EYES - FLUSH WITH PLENTY OF WATER (FOR AT LEAST 15 MINUTES LIFTING EYELIDS TO INSURE COMPLETE REMOVAL.) CALL A PHYSICIAN IF IRRITATION PERSISTS.

INGESTION - UNLIKELY FROM AEROSOL CAN. IF LARGE QUANTITIES ARE SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. GET IMMEDIATE MEDICAL ATTENTION.

INHALATION - GET TO FRESH AIR. IF BREATHING HAS STOPPED, QUALIFIED PERSONNEL SHOULD ADMINISTER ARTIFICIAL RESPIRATION.

SKIN - WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. CALL A PHYSICIAN IF IRRITATION ARISES AND PERSISTS.

NOTE TO PHYSICIAN: CONTAINS PETROLEUM DISTILLATES (>80%).

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - CAUTION, SLIP HAZARD. WIPE UP SMALL SPILLS PROMPTLY. THOROUGHLY CLEAN ANY RESIDUES WITH AN EFFECTIVE CLEANING COMPOUND. FOR LARGE SPILLS, ISOLATE TRAFFIC AND VENTILATE AREA. ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE GEAR AS NECESSARY. DIKE TO PREVENT SPREAD. PREVENT FROM ENTERING DRAINS, SEWERS OR ANY WATERCOURSE OR WATERWAY. PICK UP WITH AN ABSORBENT MATERIAL. PUT IN A SUITABLE CONTAINER FOR PROPER DISPOSAL. THIS PRODUCT IS TOXIC TO FISH AND AQUATIC INVERTEBRATES.

WASTE DISPOSAL METHOD - CONSULT LOCAL, STATE AND FEDERAL REGULATIONS. REPLACE CAP. WRAP (EMPTY) CONTAINER IN SEVERAL LAYERS OF NEWSPAPER AND DISCARD IN TRASH. DO NOT INCINERATE OR PUNCTURE. CAN MAY BE DISPOSED OF WITH OTHER RECYCLABLES WHERE LOCAL LAW PERMITS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING - AVOID CONTACT WITH EYES OR CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. DO NOT SWALLOW. AVOID INHALING MIST OR VAPORS. USE WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. EXPOSURE TO TEMPERATURES ABOVE 130 DEG. F MAY CAUSE BURSTING. STORE IN A COOL (UNDER 130 DEG. F) DRY LOCATION AWAY FROM HEAT, SPARKS, OPEN FLAME, AND DIRECT SUNLIGHT.

OTHER PRECAUTIONS - FOLLOW LABEL DIRECTIONS CAREFULLY. KEEP OUT OF REACH OF CHILDREN. DO NOT DELIBERATELY CONCENTRATE AND INHALE VAPORS. DIRECT SPRAY AWAY FROM FACE. REPLACE CAP WHEN NOT IN USE. DO NOT USE AROUND IGNITION SOURCES SUCH AS HEAT, SPARKS, OPEN FLAME, STATIC ELECTRICITY, ELECTRIC MOTORS, WELDING ARCS, ETC. DO NOT PUNCTURE OR INCINERATE CONTAINER. DO NOT SMOKE WHILE USING. DO NOT APPLY DIRECTLY TO WATER.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE) - NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. IF PELS OR TLVS ARE EXCEEDED (SEE SECTION 11), FOLLOW NIOSH\MSHA RECOMMENDATIONS.

VENTILATION:

LOCAL EXHAUST: NOT USUALLY NEEDED

MECHANICAL (GENERAL): ACCEPTABLE

SPECIAL: NONE

OTHER: NONE

PROTECTIVE GLOVES - NOT USUALLY NEEDED. IF DIRECT CONTACT IS POSSIBLE, WEAR CHEMICAL RESISTANT.

EYE PROTECTION - YES, GOGGLES OR APPROVED SAFETY GLASSES (ANSI Z87)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT - NOT USUALLY NECESSARY. IF DIRECT CONTACT IS POSSIBLE, WEAR APRON, BOOTS, FACE SHIELD, GLOVES, ETC., AS NECESSARY.

WORK/HYGIENIC PRACTICES - NORMAL. WASH THOROUGHLY BEFORE EATING, DRINKING, SMOKING, USING RESTROOMS. ETC.

WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, W.W. GRAINGER, INC. MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.