

ITEM: 4HK51 - REMOVER PK30

PICK REQ: 0171437894

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: A3786

This MSDS should be attached or kept with the respective product with which it is associated.

***** MATERIAL SAFETY DATA SHEET - A3786 *****

Associated Grainger Item: 4HK51 - REMOVER PK30

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.

HMS (R*):

HEALTH 2
 FLAMMABILITY 2
 REACTIVITY 0
 PERSONAL PROTECTION B

IDENTITY (AS USED ON LABEL AND LIST):

90101, 90130 SCRUBS(R*) GRAFFITI & SPRAY PAINT REMOVER

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 E. 56 HIGHWAY
 OLATHE, KS 66061

EMERGENCY TELEPHONE NUMBER: 1-800-535-5053
 TELEPHONE NUMBER FOR INFORMATION: 1-913-397-9889

DATE PREPARED: MAY 1, 2002

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	OTHER LIMITS RECOMMENDED % (OPT.)
(*) BUTOXYETHANOL (SKIN DESIGNATION)	111-76-2	50 PPM	25 PPM	10-30%
AMYL ACETATE	628-63-7	100 PPM	100 PPM	7-13%
METHOXYISOPROPANOL	107-98-2	100 PPM	100 PPM	STEL 150 PPM 15-40%

(*) PRODUCT CONTAINS BUTOXYETHANOL (A GLYCOL ETHER COMPOUND) WHICH IS LIQUID AND MAY REQUIRE REPORTING UNDER SARA TITLE III SEC. 313 IF USED OVER THE THRESHOLD REPORTING QUANTITY. THIS INFORMATION MUST BE INCLUDED IN ALL MSDS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

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 - INITIAL: APPROX. 212 DEG. F

VAPOR PRESSURE (MM-Hg @ 70 DEG. F): NO DATA

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

SOLUBILITY IN WATER: PARTIAL

SPECIFIC GRAVITY (H2O=1): @70 DEG. F 0.974

MELTING POINT: NO DATA

EVAPORATION RATE (BUTYL ACETATE=1): NO DATA

pH: 7.0 +/- 0.5

APPEARANCE AND ODOR:
 CLEAR COLORLESS LIQUID WITH A BANANA AND/OR FLORAL SCENT ON A TOWEL.

VOC'S: THIS PRODUCT CONTAINS 779.5 GRAMS PER LITER OR 80% BY WEIGHT VOC'S.

----- SECTION IV - FIRE AND EXPLOSION HAZARD DATA -----

FLASH POINT (METHOD USED):
 136 DEG. F (TCC): LIQUID PHASE
 FLAMMABLE LIMITS: NO DATA
 LEL: NO DATA
 UEL: NO DATA

EXTINGUISHING MEDIA:
 USE CARBON DIOXIDE, DRY CHEMICAL, FOAM OR FOG. LARGE SPILLS MAY CAUSE A FLOATING FIRE TO FORM AS IF AN OIL FIRE.

SPECIAL FIRE FIGHTING PROCEDURES:
 CONTAINERS COOL AND VAPORS DOWN WITH WATER SPRAY. PREVENT RUNOFF FROM ENVIRONMENT INTO SEWERS AND PUBLIC WATERWAYS. WEAR SCBA IN CHEMICAL FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: COMBUSTIBLE LIQUID ON A PLASTIC TOWEL.

----- SECTION V - REACTIVITY DATA -----

STABILITY:
 UNSTABLE {
 STABLE (X)
 CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAMES

INCOMPATIBILITY (MATERIALS TO AVOID):
 STRONG ALKALIES, ACIDS AND OXIDIZERS AND HEAT.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
 CARBON DIOXIDE, CARBON MONOXIDE, SMOKE AND 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):

WARNING:
 COMBUSTIBLE LIQUID. CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL OR FATAL IF SWALLOWED (ASPIRATION HAZARD). HARMFUL IF ABSORBED THROUGH INTACT SKIN. MAY BE HARMFUL IF INHALED. REPEATED OR PROLONGED OCCUPATIONAL OVEREXPOSURE CAN CAUSE DERMATITIS, SEVERE SKIN IRRITATION OR PAINTER'S SYNDROME. OVEREXPOSURE TO VAPORS MAY INDUCE CENTRAL NERVOUS SYSTEM EFFECTS. FOLLOW GOOD CHEMICAL HYGIENE PRACTICES TO AVOID THESE HAZARDS.

CARCINOGENICITY: NONE KNOWN

NTP?: NO
 IARC MONOGRAPHS?: NO
 OSHA REGULATED?: NO

WARNING:
 THIS PRODUCT MAY CONTAIN TRACE CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

SIGNS AND SYMPTOMS OF EXPOSURE:
 REDNESS, TEARING AND BURNING IN EYES. REDNESS DRYING AND CRACKING SKIN. SWALLOWING, OVEREXPOSURE TO VAPORS OR SKIN ABSORPTION MAY CAUSE DROWSINESS, DIZZINESS, FATIGUE, LOSS OF COORDINATION. INHALATION OF EXCESSIVE AMOUNTS OF VAPORS MAY IRRITATE NOSE, THROAT AND UPPER RESPIRATORY TRACT. FOLLOW GOOD CHEMICAL HYGIENE PRACTICES TO AVOID THESE HAZARDS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
 PRE-EXISTING SKIN, LUNG, KIDNEY, LIVER AND BLOOD CONDITIONS COULD BE AGGRAVATED BY OVEREXPOSURE AND MISUSE.

EMERGENCY AND FIRST AID PROCEDURES:
 EYES:
 FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS TO INSURE COMPLETE REMOVAL. SEE A PHYSICIAN IMMEDIATELY.

INGESTION:
 CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. ASPIRATION HAZARD.

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

SKIN:
 FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION ARISES AND PERSISTS, CALL A PHYSICIAN.

----- SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE -----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
 CAUTION, SLIP HAZARD. ALLOW MATERIAL TO DRY BEFORE FOOT TRAFFIC IS ALLOWED ON WETTED AREA. FOR LARGE SPILLS, ISOLATE AND VENTILATE AREA. ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE GEAR AS NECESSARY. DIKE TO PREVENT SPREAD IF FREE LIQUID IS CREATED. PICK UP WITH A VACUUM OR AN ABSORBENT MATERIAL OR ALLOW TO AIR DRY. PUT IN A SUITABLE CONTAINER FOR PROPER DISPOSAL.

WASTE DISPOSAL METHOD:
 CONSULT LOCAL, STATE, AND FEDERAL REGULATIONS. TRIPLE RINSE EMPTY CONTAINER THEN OFFER FOR RECYCLING, REUSE, OR RECONDITIONING.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
 DO NOT USE AROUND IGNITION SOURCES SUCH AS HEAT, SPARKS, FLAME, STATIC ELECTRICITY, WELDING ARCS, ETC. DO NOT GET IN EYES, ON SKIN OR CLOTHING. WASH THOROUGHLY AFTER HANDLING. DO NOT SWALLOW. DO NOT SMOKE WHILE USING. AVOID INHALING VAPORS. USE WITH ADEQUATE VENTILATION. STORE IN A COOL DRY LOCATION AWAY FROM HEAT, SPARKS, OPEN FLAME, ETC.

OTHER PRECAUTIONS:
 FOLLOW LABEL DIRECTIONS CAREFULLY. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE. DO NOT CONTAMINATE WATER, FOOD OR FEED BY USE OR STORAGE. DO NOT DELIBERATELY CONCENTRATE AND INHALE VAPORS.

----- SECTION VIII - CONTROL MEASURES -----

RESPIRATORY PROTECTION (SPECIFY TYPE):
 NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. USE NIOSH/MSHA APPROVED RESPIRATOR IF PELS OR TLVS ARE EXCEEDED.

VENTILATION:

LOCAL EXHAUST: NOT USUALLY NEEDED
 MECHANICAL (GENERAL): YES
 SPECIAL: NONE
 OTHER: NONE

PROTECTIVE GLOVES: YES, IMPERVIOUS

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

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
NOT USUALLY NECESSARY. AVOID DIRECT CONTACT. WEAR APRON, BOOTS, FACE SHIELD,
ETC. IF NEEDED.

WORK HYGIENIC PRACTICES:
NO WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, SMOKING, USING
REMS, ETC.

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.