

MATERIAL SAFETY DATA SHEET

U. S. DEPARTMENT OF LABOR

COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS, (29 CFR 1910.1200)

IMPORTANT! THIS IS YOUR ONLY COPY. PLEASE DISTRIBUTE TO ALL PLANT LOCATIONS

CODE #: 3232

REV: 002

DATE SENT: 01/05/07

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SECTION I: PRODUCT DESCRIPTION: NO. 3232 HILCO SCRUB

VALENCIA COMMUNITY  
COLLEGE WEST/CUSTODIAL  
1800 SOUTH KIRKMAN RD  
ORLANDO, FL 32811

MANUFACTURER:  
HILL MFG CO., INC.  
1500 JONESBORO ROAD  
ATLANTA, GA 30315  
EMERGENCY (800) 535-5053  
M-F: 9-5 (404) 522-8364  
PREPARED BY: RICK GLISSON  
DATE PREPARED: 06/15/00

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SECTION II:

HAZARDOUS INGREDIENTS: CAS #: %: TLV SARA III.#313

\*\*SEE NOTE\*\*

NOTE: THIS PRODUCT CONTAINS NO HAZARDOUS COMPONENTS AS DEFINED BY  
THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS,  
(29 CFR SECTION 1910.1200)

HMS RATINGS: HEALTH: 1, FIRE: 0, REACTIVITY: 0, PERSONAL PROTECTION: A

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SECTION III: PHYSICAL DATA

BOILING POINT (DEG. F.): 210 DEG. F.  
VAPOR PRESSURE (MM HG.): UNKNOWN  
VAPOR DENSITY (AIR=1): UNKNOWN  
SOLUBILITY IN WATER: EMULSION  
SPECIFIC GRAVITY (H2O=1): 0.99  
PERCENT, VOLATILE BY VOLUME (%): 50  
EVAPORATION RATE (ETHER=1): LESS THAN ONE  
APPEARANCE AND ODOR: VISCOUS, OPAQUE, WHITE LIQUID: WINTERGREEN ODOR.

PH: 10-11

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SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): NONE TO BOILING (CC)  
FLAMMABLE LIMITS: NOT APPLICABLE  
EXTINGUISHING MEDIA : 1) DRY CHEMICAL; 2) FOAM; 3) CO2; 4) WATER  
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS.  
UNUSUAL FIRE AND EXPLOSION HAZARDS : NONE  
DOT HAZARD CLASSIFICATION: NOT REGULATED.

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## SECTION V : HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE : HAS NOT BEEN DETERMINED

EFFECTS OF OVEREXPOSURE: EYES: IRRITATION. SKIN: MILD IRRITATION WITH PROLONGED EXPOSURE. INHALATION: MAY BE HARMFUL IF INHALED. INGESTION: MAY BE HARMFUL IF INGESTED.

EMERGENCY &amp; FIRST AID PROCEDURES: EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. SKIN: WASH WITH WATER IF IRRITATED. INHALATION: IF SYMPTOMS OF OVEREXPOSURE DEVELOP, REMOVE TO FRESH AIR. INGESTION: GIVE 8 TO 16 OUNCES OF WATER TO DILUTE SUBSTANCE. CALL A PHYSICIAN OR LOCAL POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

CARCINOGENICITY: NONE KNOWN.

PRIMARY ROUTES OF EXPOSURE: SKIN

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## SECTION VI : REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR. CONDITIONS TO AVOID: N/A

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## SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SMALL: WIPE UP PRODUCT, RINSE SOILED AREA WITH WATER DOWN THE DRAIN. LARGE SPILL: STOP LEAK AT THE SOURCE AND COLLECT INTO A SUITABLE CONTAINER, THEN TREAT AS A SMALL SPILL.

WASTE DISPOSAL METHOD: FOLLOW ALL STATE, LOCAL AND FEDERAL REGULATIONS OF LARGE NONRECLAIMABLE SPILLS.

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## SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE NORMALLY NEEDED.

VENTILATION (LOCAL, MECHANICAL, SPECIAL): NONE NORMALLY NEEDED

PROTECTIVE GLOVES: RUBBER GLOVES

EYE PROTECTION: CHEMICAL SPLASH PROOF GOGGLES.

OTHER PROTECTIVE EQUIPMENT: NONE REQUIRED

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## SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: ALWAYS STORE UNUSED PORTION IN ORIGINAL CONTAINER WITH CAP SECURE. AVOID TEMPERATURE EXTREMES. NEVER STORE IN UNLABELED OR IMPROPERLY LABELED CONTAINER

OTHER PRECAUTIONS: AS WILL ALL CHEMICALS USE WITH DUE CARE ACCORDING TO LABEL INSTRUCTIONS AND PRECAUTIONS.

KEEP OUT OF THE REACH OF CHILDREN FOR INDUSTRIAL/COMMERCIAL USE ONLY

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## SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): IF TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. (SEE YOUR SAFETY EQUIPMENT SUPPLIER). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV (S).

PROTECTIVE GLOVES: NEOPRENE GLOVES, OR NATURAL RUBBER.

EYE PROTECTION: CHEMICAL SPLASH PROOF GOGGLES AND FACE SHIELD (8" MIN.) IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED, HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

OTHER PROTECTIVE EQUIPMENT: TO PREVENT SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: ALWAYS STORE UNUSED PORTION IN ORIGINAL CONTAINER WITH CAP SECURE. NEVER STORE IN UNLABELED OR IMPROPERLY LABELED CONTAINER. ADDITION TO WATER RELEASES HEAT WHICH CAN RESULT IN VIOLENT BOILING AND SPATTERING. ALWAYS ADD SLOWLY AND IN SMALL AMOUNTS. NEVER USE HOT WATER. NEVER ADD WATER TO ACIDS. ALWAYS ADD ACIDS TO WATER. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. OTHER PRECAUTIONS: AS WITH ALL CHEMICALS, USE WITH DUE CARE ACCORDING TO LABEL INSTRUCTIONS AND PRECAUTIONS. KEEP OUT OF REACH OF CHILDREN. FOR COMMERCIAL/INDUSTRIAL USE ONLY.