

MATERIAL SAFETY DATA SHEET U.S. DEPARTMENT OF LABOR
COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS, (29 CFR 1910.1200)
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CODE #:5035 REV: 008 DATE SENT: 10/02/13

SECTION I: PRODUCT DESCRIPTION:NO. 5035 HILCOLUBE

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: 08/04/04

SECTION II:

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

CARBON DIOXIDE 124-38-9 >1 5000 PPM
ALIPHATIC HYDROCARBON. . .8052-41-3 >1 100 PPM

HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0 PERSONAL PROTECTION: B

SECTION III: PHYSICAL DATA

BOILING POINT (DEG. F.): 300
VAPOR PRESSURE (MM HG.): 5.4 AT 70 DEG. F.
VAPOR DENSITY (AIR=1): 4.5
SOLUBILITY IN WATER: NIL
SPECIFIC GRAVITY (H2O=1): 0.8-0.9
PERCENT, VOLATILE BY VOLUME (%): 90%
EVAPORATION RATE (ETHER =1): SLOWER THAN ETHER.
APPEARANCE AND ODOR: AMBER LIQUID, WITH PETROLEUM ODOR.
PH: N/A

SECTION IV: FIRE AND EXPLOSION DATA

NOT FLAMMABLE AEROSOL BY FLAME EXTENSION TEST
FLAMMABLE LIMITS: N/A
FLASH POINT (METHOD USED): 105 DEG F TCC (CONCENTRATE)
EXTINGUISHING MEDIA: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS
WITH A FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE
PRESSURE MODE.
UNUSUAL FIRE & EXPLOSION HAZARDS: CAN MAY BURST WHEN EXPOSED TO HEAT ABOVE
120 DEG. F.

SECTION V : HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 100 PPM PEL:100PPM NIOSH:350 MG/CUM 8 HR SAMPLE

EFFECTS OF OVEREXPOSURE: EXCESSIVE INHALATION MAY CAUSE HEADACHE, DIZZINESS, OR NAUSEA.

EMERGENCY AND FIRST AID PROCEDURES: EYE: FLUSH WITH WATER. SKIN: WASH WITH MILD SOAP AND APPLY MILD SKIN CREAM. INHALATION: GET OUT TO FRESH AIR, CALL PHYSICIAN, USE ARTIFICIAL RESPIRATION IF NECESSARY. INGESTION: DO NOT INDUCE VOMITING. ASPIRATION INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS WHICH MAY BE FATAL. KEEP PATIENT WARM, QUIET. GET MEDICAL HELP.

CARCINOGENICITY: NONE KNOWN.

PRIMARY ROUTES OF EXPOSURE: SKIN, INHALATION

SECTION VI : REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIALS TO AVOID): AVOID STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE.

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

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: FLUSH WITH WATER INTO RETAINING AREA OR CONTAINER. AVOID EXPOSURE TO HEAT, SPARKS & OPEN FLAME. LARGE SPILL: SOAK UP WITH ABSORBENT MATERIAL.

WASTE DISPOSAL METHOD: DISPOSE OF UNDER SAFE CONDITIONS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. WRAP CAN IN NEWSPAPER AND TRASH.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE NORMALLY NEEDED.

VENTILATION: LOCAL EXHAUST: YES, TO KEEP TLV BELOW MAX.

PROTECTIVE GLOVES: NONE NORMALLY NEEDED.

EYE PROTECTION: CHEMICAL SPLASH PROOF GOGGLES.

OTHER PROTECTIVE EQUIPMENT: NONE NORMALLY NEEDED.

SECTION IX: SPECIAL PRECAUTIONS

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.

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. AVOID PROLONGED CONTACT WITH SKIN. USE WITH ADEQUATE VENTILATION. STORE IN COOL, DRY PLACE. 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.