

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 #:5306

REV: 002

DATE SENT: 02/18/04

SECTION I: PRODUCT DESCRIPTION:NO. 5306 COIL CLEANER (AERO)

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: 10/08/01

SECTION II:

HAZARDOUS INGREDIENTS:	CAS #:	%:	TLV	SARA III,#313
1) 2 - BUTOXYETHANOL	111-76-2	7-8	25 PPM	*
2) ISOPROPANE - ISOBUTANE PROPELLENT	N/A	5	NOT EST.	

HMIS: HEALTH 2, FIRE 1, REACTIVITY 0, PERSONAL PROTECTION B

SECTION III: PHYSICAL DATA

BOILING POINT (DEG. F.): 212

VAPOR PRESSURE (MM HG.): 2

VAPOR DENSITY (AIR=1): HEAVIER

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY (WATER=1): 1.0

PERCENT, VOLATILE BY VOLUME (%): 80-90

EVAPORATION RATE (ETHER =1): SLOWER THAN ETHER.

APPEARANCE AND ODOR: MATERIAL COMES OUT OF THE CAN AS A WHITE FOAM WITH A LEMON-MINT ODOR.

PH: 12.5

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): 143 DEG. F. (2-BUTOXYETHANOL)

FLAMMABLE LIMITS: LEL: 1.1% AT 93 DEG. C. UEL: 12.7% AT 135 DEG. C.

EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, CARBON DIOXIDE, WATER

SPECIAL FIRE FIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.

UNUSUAL FIRE AND EXPLOSION HAZARDS : EXPOSURE TO TEMPERATURES OVER 130 DEG. F. MAY CAUSE CAN TO BURST.

TRANSPORTATION: DOT HAZARD CLASSIFICATION: ORM-0

SECTION V : HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 25 PPM (2-BUTOXYETHANOL)

EFFECTS OF OVEREXPOSURE: EYES: CAUSES IRRITATION. SKIN: MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. INHALATION: MAY BE HARMFUL IF INHALED.

INGESTION: MAY BE HARMFUL IF SWALLOWED.

EMERGENCY & FIRST AID PROCEDURES: EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. SKIN:

IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION. WASH CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: REMOVE FROM EXPOSURE,

TREAT SYMPTOMATICALLY, AND GET MEDICAL ATTENTION. INGESTION: IF CONSCIOUS, INDUCE VOMITING IMMEDIATELY BY GIVING TWO GLASSES OF WATER AND STICKING FINGER DOWN THROAT. GET MEDICAL ATTENTION AS SOON AS POSSIBLE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

CARCINOGENICITY: NONE KNOWN. PRIMARY ROUTES OF EXPOSURE: SKIN, INHALATION

SECTION VI : REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: EXPOSURE TO TEMPERATURES OVER 130 DEG. F. MAY CAUSE CAN TO BURST.

INCOMPATIBILITY: STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, 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: SMALL SPILL: FLUSH DOWN WITH PLENTY OF WATER. LARGE SPILL: SOAK UP WITH ABSORBENT MATERIAL.

WASTE DISPOSAL METHOD: SMALL SPILL: FLUSH DOWN WITH PLENTY OF WATER. LARGE SPILL: ABSORBENT MAY BE CARTED TO A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE NORMALLY NEEDED.

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

PROTECTIVE GLOVES: RUBBER

EYE PROTECTION: CHEMICAL SPLASH PROOF GOGGLES.

OTHER PROTECTIVE EQUIPMENT: NONE

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.

STORE IN A 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.