

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 #:1965 REV: 007 DATE SENT: 06/15/09

SECTION I: PRODUCT DESCRIPTION:NO. 1965 A.C. COIL BRITE
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: 02/09/09

SECTION II:

HAZARDOUS INGREDIENTS:	CAS #:	%:	TLV	SARA III #313
SODIUM HYDROXIDE	1310-73-2	12	2 MG/M3	

HMIS RATINGS: HEALTH: 2, FIRE: 0, REACTIVITY: 1, PERSONAL PROTECTION: C

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): 1.05
PERCENT, VOLATILE BY VOLUME (%): 80
EVAPORATION RATE (WATER=1): 1
APPEARANCE AND ODOR: THIN, CLEAR COLORLESS LIQUID WITH SLIGHT DETERGENT
ODOR.
PH: 13

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): N/A
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: WATER
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS
WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE
PRESSURE MODE WHEN FIGHTING FIRES. WEAR IMPERVIOUS CLOTHING TO PROTECT
AGAINST ALKALINITY.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE
DOT HAZARD CLASSIFICATION: SODIUM HYDROXIDE SOLUTION, 8, UN1824, PG II
CORROSIVE

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SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 2 MG/M3 (SODIUM HYDROXIDE)
EFFECTS OF OVEREXPOSURE: SKIN: IRRITATION, POSSIBLE BURNS. EYES: BURNS,
POSSIBLE BLINDNESS. INHALATION: CORROSIVE TO MUCOUS MEMBRANES. INGESTION:
BURNS AND POSSIBLE DEATH IF THE STOMACH LINING IS PENETRATED. CORROSIVE
TO THE INTERNAL SOFT TISSUE.
EMERGENCY & FIRST AID PROCEDURES: SKIN: WASH WITH WATER. IF IRRITATION
PERSISTS GET MEDICAL ATTENTION. EYES: WASH WITH WATER FOR AT LEAST 15 MIN.
GET MEDICAL ATTENTION IMMEDIATELY. INHALATION: FLUSH MOUTH AND NASAL PASSAGES
WITH WATER REPEATEDLY. INGESTION: GIVE LARGE QUANTITIES OF MILK OR WATER.
DO NOT INDUCE VOMITING. GIVE DILUTED VINEGAR, LEMON JUICE OR ORANGE JUICE.
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL HELP
IMMEDIATELY.
CARCINOGENICITY: NONE KNOWN.
PRIMARY ROUTE OF EXPOSURE: SKIN

SECTION VI: REACTIVITY DATA

STABILITY: STABLE CONDITIONS TO AVOID: N/A
INCOMPATIBILITY: ACIDS
HAZARDOUS DECOMPOSITION PRODUCTS: N/A
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 AREA WITH WATER. LARGE SPILL: ABSORB MATERIAL AND PLACE IN DRUM.
MATERIAL CAN BE NEUTRALIZED BY THE ADDITION OF ACID. ADD SLOWLY WITH LOTS
OF WATER TO PREVENT A VIOLENT REACTION.
WASTE DISPOSAL METHOD: SMALL SPILL: FLUSH DOWN DRAIN. LARGE SPILL: CART
MATERIAL TO APPROVED LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL
REGULATIONS.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): GENERALLY NOT NEEDED UNTIL MATERIAL
IS MISTED.
VENTILATION: LOCAL EXHAUST: YES, IF TLV'S ARE EXCEEDED.
PROTECTIVE GLOVES: NEOPRENE GLOVES
EYE PROTECTION: CHEMICAL SPLASH PROOF GOGGLES.
OTHER PROTECTIVE EQUIPMENT: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT
WEAR IMPERVIOUS CLOTHING.

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 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.