

WIDE RANGE PH INDICATOR

MSDS Number

BHCFH

National Stock Number

6810-00-087-2340

Product Name

WIDE RANGE PH INDICATOR

Manufacturer

HF SCIENTIFIC INC

Product Identification

Product ID:WIDE RANGE PH INDICATOR

MSDS Date:03/01/1991

FSC:6810

NIIN:00-087-2340

MSDS Number: BHCFH

Responsible Party

HF SCIENTIFIC INC.

3052 METRO PARKWAY S.E.

FORT MYERS , FL 33916-7539

US

Emergency Phone: 813-337-2116

Info Phone: 813-337-2116

Cage: 58177

Contractor

HF SCIENTIFIC INC.

FORT MYERS, FL 33916-7539

US

941-337-2116

Cage: 58177

Ingredients

ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5

RTECS: RQ6300000

Fraction By Weight: 24.0%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 8990

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN,RESPIRATORY AND G.I.TRACT;CNS EFFECTS LIKE

HEADACHE,DIZZINESS,NAUSEA,VOMITING VISUL IMPAIRMENT;HARMFUL IF INGESTED;.LIQUID CONTAINS METHYL ALCOHOL;CHRONIC:DRYING OF SKIN OR DERMATITIS

Explanation of Carcinogenicity:DATA PER MGF MSDS.

Effects of Overexposure:SEE HEALTH HAZARDS DATA

Medical Cond Aggravated by Exposure: PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid: INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION: DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Flash Point Method: CC
Flash Point: = 12.C, 53.6F
Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE EXTINGUISHER, WATER SPRAY
Fire Fighting Procedures: SUITABLE TO CAUSE OF FIRE
Unusual Fire/Explosion Hazard: AN AQUEOUS SOLUTION CONTAINING 24% OR LESS OF ALCOHOL IS NOT CONSIDERED FLAMMABLE OR COMBUSTIBLE.

Accidental Release

Spill Release Procedures: USE PROPER PERSONAL PROTECTION; REMOVE ALL IGNITION SOURCES; CONTAIN FREE LIQUID IF POSSIBLE; USE SUITABLE INERT ABSORBENT MATERIAL AND COLLECT FOR PROPER DISPOSAL.
Neutralizing Agent: NOT SPECIFIED BY THE MGF

Handling

Handling and Storage Precautions: STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.
Other Precautions: DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

Exposure Controls

Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA
Ventilation: LOCAL/GENERAL TO MAINTAIN PEL/TLV (> 60 CFM VELOCITY)
LOCAL EXHAUST IS REQUIRED IN CASE OF AN ENCLOSED AREA.
Protective Gloves: NEOPRENE, NITRILE, VPC OR NATURAL RUBBER
Eye Protection: SAFETY GOGGLES WITH OPTIONAL FACE SHIELD
Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER; APRON AS REQUIRED.
Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.
Supplemental Safety and Health
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS. WASH THOROUGHLY AFTER EACH USE.

Chemical Properties

HCC: F2
NRC/State Lic Num: NOT RELEVANT
Solubility in Water: SOLUBLE
Appearance and Odor: DARK GREEN LIQUID, ALCOHOLIC ODOR

Stability

Stability Indicator/Materials to Avoid: YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid: HEAT, SPARKS OR OPEN FLAMES
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER UNIDENTIFIED TOXIC VAPORS AND SMOKE.

Disposal

Waste Disposal Methods: CONSULT LOCAL AUTHORITIES ; DISPOSAL MUST BE IN

ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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