



MATERIAL SAFETY DATA SHEET

25164

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PRODUCT NAME: HONEY BEE 60 TNP

MSDS No.: 25164

REVISION: 1

PREPARED BY: DIR ENV AFFAIRS

ISSUE DATE: 10/14/10

EFFECTIVE DATE: 10/21/10

SECTION A. MATERIAL IDENTIFICATION.

MANUFACTURER: McGEAN-ROHCO, INC.

CHEMTREC:

TELEPHONE #: 800-424-9300

38521 SCHOOLCRAFT AVE.
LIVONIA MI 48150
TELEPHONE: 216-441-4900

OR 703-527-3887

SECTION B. INGREDIENTS AND HAZARDS.

INGREDIENT: SULFAMIC ACID

10.0 - 15.0%

CAS NUMBER: 5329-14-6

EXPOSURE LIMIT: TWA: NON ESTABLISHED

SUSPECT CARCINOGEN: NO

SECTION C. PHYSICAL DATA.

APPEARANCE: BLUE LIQUID.

BOILING POINT: >100C

ODOR: MILD

FREEZING POINT: UK

SPECIFIC GRAVITY: 1.082

VAPOR PRESSURE: UK

pH: ACIDIC

VAPOR DENSITY: UK

EVAPORATION RATE: <BUTYL ACETATE

% VOLATILE BY VOLUME: NA

SOLUBILITY IN WATER: COMPLETE

SECTION D. FIRE AND EXPLOSION HAZARD DATA.

FLASH POINT: NONE

HAZARD SYMBOL CODES

TEST METHOD: NA

NFPA HMIS

LIMITS: LEL: NA

HEALTH: 2 2

UEL: NA

FLAMMABILITY: 0 0

REACTIVITY: 0 0

SPECIAL:

EXTINGUISHING MEDIA: WATER SPRAY, FOAM, DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES: IF INVOLVED IN A FIRE, USE SELF BREATHING APPARATUS AND FULL FACE PROTECTIVE GEAR.



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UNUSUAL FIRE OR NONE KNOWN.
EXPLOSION HAZARDS:

SECTION E. REACTIVITY DATA

MATERIAL IS STABLE.
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

CONDITIONS TO AVOID: NORMALLY STABLE BUT HYDROLYSIS TO BISULFATE CAN OCCUR AT ELEVATED TEMPERATURES.

INCOMPATIBILITY MATERIALS TO AVOID: ALKALIES.

HAZARDOUS DECOMPOSITION IF INVOLVED IN A FIRE, RESIDUES COULD GIVE OFF PRODUCTS: OXIDES OF NITROGEN AND SULFUR.

SECTION F. HEALTH HAZARD DATA.

SUMMARY OF RISKS: SARA--ACUTE.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT: DERMATITIS.

TARGET ORGANS: SKIN, EYES, MUCOUS MEMBRANES.

PRIMARY ENTRY ROUTES: THROUGH CONTACT AND INHALATION OF MIST.

ACUTE EFFECTS: IRRITATION OR BURNING.

CHRONIC EFFECTS: NONE KNOWN.

SIGNS & SYMPTOMS OF OVEREXPOSURE:

EYE CONTACT: IRRITATION OR BURNING SENSATION.

SKIN CONTACT: IRRITATION OR BURNING SENSATION.

INHALATION: IRRITATION OF MUCOUS MEMBRANES.

INGESTION: IRRITATION OR BURNING OF MOUTH AND THROAT.

EMERGENCY & FIRST AID PROCEDURES:



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EYE CONTACT: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

SKIN CONTACT: FLUSH WITH WATER THEN WASH WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR.

INGESTION: IF CONSCIOUS, GIVE A LARGE QUANTITY OF MILK OR WATER. GET MEDICAL ATTENTION.

SECTION G. SPILL, LEAK AND DISPOSAL PROCEDURES.

SPILL/LEAK PROCEDURES: NEUTRALIZE WITH SODA ASH AND FLUSH TO SEWER WITH WATER. FOLLOW ALL APPLICABLE REGULATIONS.

WASTE MANAGEMENT & DISPOSAL PROCEDURES: NEUTRALIZE WITH SODA ASH TO WITHIN POTW pH DISCHARGE LIMITS AND SEWER WITH WATER. FOLLOW ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

RCRA # (IF DISPOSED AS RECEIVED): D002

SECTION H. SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT:

GOGGLES: CHEMICAL GOGGLES.
GLOVES: RUBBER OR IMPERVIOUS TO CHEMICAL.
RESPIRATOR: NOT NORMALLY REQUIRED.

OTHER: SUFFICIENT TO PREVENT SKIN CONTACT.

WORKPLACE CONSIDERATIONS:

VENTILATION: NORMAL.
SAFETY STATIONS: EYE WASH.
OTHER: SAFETY SHOWER.

SECTION I. SPECIAL PRECAUTIONS

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SPECIAL HANDLING STORE IN A COOL AREA. HEAT CAN CAUSE HYDROLYSIS
& STORAGE PROCEDURES: TO GIVE SULFATE AND BISULFATE.

D.O.T. CLASS
IMCO CLASS:

UN REGISTER:
UN REGISTER:

EXPLANATION OF SYMBOLS

NA = NOT APPLICABLE

UK = UNKNOWN

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THIS MATERIAL SAFETY DATA SHEET HAS BEEN PREPARED TO COMPLY WITH TITLE 29 CODE OF FEDERAL REGULATIONS, PART 1910.1200, OSHA HAZARD COMMUNICATION STANDARD, AND TO FULFILL THE ANNUAL CHEMICAL NOTIFICATION REQUIREMENTS OF SARA TITLE III, SECTION 313.