

10045-L5 PART 5, COMMON ELEMENT STANDARD-(SUPDAT)

MSDS Number

BXHVT

National Stock Number

6850-00N056064

Product Name

10045-L5 PART 5, COMMON ELEMENT STANDARD-(SUPDAT)

Manufacturer

SPEX INDUSTRIES INC

Product Identification

Product ID:10045-L5 PART 5, COMMON ELEMENT STANDARD-(SUPDAT)

MSDS Date:05/06/1992

FSC:6850

NIIN:00N056064

Kit Part:Y

MSDS Number: BXHVT

Responsible Party

SPEX INDUSTRIES INC

3880 PARK AVE

EDISON , NJ 08820

US

Emergency Phone: 908-549-7144

Info Phone: 908-549-7144

Preparer: VANAJA SIVAKUMAR

Cage: 07977

Contractor

SPEX CERTIPREP INC

METUCHEN, NJ 08840

US

732-549-7144

Cage: 07977

Ingredients

THIS MIX IS COMPOSED OF 48 DIFFERENT CMPDS IN

RTECS: 9999999ZZ

CMPD IS IN THE MIX AT FIVE DIFFERENT %

RTECS: 9999999ZZ

TO ALL PARTS OF THIS MSDS TO BE INFORMED OF HAZARDS

RTECS: 9999999ZZ

INDIUM OXIDE

CAS: 1312-43-2

RTECS: NL1770000

Fraction By Weight: 0.1%

OSHA PELN/K

ACGIH TLV: N/K

(IRON OXIDE)

CAS: 1309-37-1

RTECS: NO7400000

OSHA PEL10 MG/M3 (FE)

ACGIH TLV: 5MG(FE)/M3FUME,B2

LEAD MONOXIDE; (LEAD OXIDE)

CAS: 1317-36-8

RTECS: OG1750000

OSHA PELN/K

ACGIH TLV: N/K

1)

CAS: 554-13-2

RTECS: OJ5800000

OSHA PELN/K

ACGIH TLV: N/K

MAGNESIUM OXIDE

CAS: 1309-48-4

RTECS: OM3850000

OSHA PEL15 MG/M3 PARTICULATE

ACGIH TLV: 10 MG/M3; FUME

MANGANESE DIOXIDE;(MANGANESE OXIDE)

CAS: 1313-13-9

RTECS: OP0350000

OSHA PEL5 MG MN/M3 CEILING

ACGIH TLV: 5 MG MN/M3

& BURNING SENSATIONS. CHRONIC EFTS CAUSE CNS,

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

IS INDICTED BY ANOREXIA, GENL WEAKNESS, DEHYDRATION

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

FROM EPXOS. INCREASED BODY TEMPERATURE AND WHITE

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

CNS. AN INFLUENZA-LIKE ILLNESS, MANGANESE PNEUM,

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

SUBSTERNAL TIGHTNESS, CHEST CONSTRICTION & COUGH

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

THE NAVY LISTING OF OCCUPATIONAL CHEMICAL

RTECS: 9999999ZZ

CONCERNING LATEST HAZARD LIST INFORMATION AND SAFE

RTECS: 9999999ZZ

& OXIDIZING AGENTS, IT IS RECOMMENDED THAT

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:SEE INGREDIENTS

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

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

Health Hazards Acute and Chronic:ACUTE EXPOS TO ALL CMPDS OF KIT MAY CAUSE IRRIT UPON CONTACT TO SKIN/EYES. INHAL CAN RSLT IN MUC MEMB & UPPER RESP TRACT IRRIT. INGEST IS HARMFUL. ING 4:INDIUM POISONING IS INDICATED BY REDUCED FOOD & WATER CONSUMPTION, WEIGHT LOSS, PULM EDEMA, NECROTIZING PNEUM, BLOOD DMG, DEGENERATIVE CHANGES IN (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: LIVER & KIDNEYS. BRAIN, HEART, ADRENAL & SPLEEN SHOW SOME DMG. ING 5: CHRONIC INHAL MAY CAUSE FIBROSIS OF LUNG WHICH LEADS TO INFECTIVE PNEUMOCONOSIS. LUNG TUMORS, SOMETIMES CARCIN HAVE BEEN SEEN IN MINERS OF IRON ORE. ING 6: EXPOS CAN LEAD TO DMG OF KIDNEYS, BLOOD & CNS. ACUTE INTOXICATION CAN CAUSE (SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES: FLUSH W/WATER FOR AT LEAST 15 MINS OCCAS LIFTING UPPER & LOWER EYELIDS. SKIN: REMOVE CONTAMD CLTHG, THEN FLUSH W/WATER FOR

AT LEAST 15 MINUTES. WASH CLTHG THOROUGHLY BEFORE REUSE. INHAL:
MOVE TO FRESH AIR. INGEST: INDUCE VOMITING. (ONLY IF THE PATIENT
IS CONSCIOUS, GIVE LARGE QUANTITIES OF WATER OR MILK). GET MEDICAL
ATTENTION IMMEDIATELY.

Fire Fighting

Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:NOT COMBUSTIBLE.

Accidental Release

Spill Release Procedures:EVACUATE & VENTILATE AREA. SWEEP UP & PLACE IN
BAG, HOLD OR PROPER DISPOSAL. WEAR PROTECTIVE CLOTHING.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE ALL OF THESE COMPOUNDS IN A
COOL, DRY AREA; IN A TIGHTLY SEALED CONTAINER.
Other Precautions:AVOID INHAL/INGEST/CONTACT W/EYES OR SKIN.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR.
Ventilation:CHEMICAL FUME HOOD.
Protective Gloves:IMPERVIOUS GLOVES.
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS.
Other Protective Equipment:LAB COAT. APPRVD EYE WASH & DELUGE SHOWER
MEETING ANSI DESIGN CRITERIA .
Work Hygienic Practices:WASH CAREFULLY AFTER USE.
Supplemental Safety and Health
TRADENAME/PART NO: DILUTED POWDER STANDARD. EFTS OF OVEREXP: FATIGUE,
SLEEP DISRUPTIONS, COLIC, ANEMIA & NEURITIS. IT CAN ALSO AFFECT
REPRO SYSTEM BY CAUSING CHROMOSOMAL DMG & FETAL PROBLEMS. ING 7: O
VEREXP TO LITHIUM CAN CAUSE NAUS, VOMIT, ABDOM PAIN, COUGHING,
WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HDCHS(ING 10)

Chemical Properties

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Stability

Stability Indicator/Materials to Avoid:YES
UNKNOWN FOR SPECIFIC MIX, HOWEVER, SINCE MOST OF THE COMPONENTS WILL
REACT W/ACIDS, BASES, REDUCING AGENTS, (ING 17)
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:TOXIC FUMES OF THE COMPONENTS OF THIS
MIXTURE.

Disposal

Waste Disposal Methods:CONTACT LOCAL HAZARDOUS OR CHEMICAL WASTE
DISPOSAL AGENCY FOR REGULATIONS. DISPOSE OF IN ACCORDANCE W/LOCAL,
STATE & FEDERAL REGULATIONS.

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