

10045-L5 PART 1, COMMON ELEMENT STANDARD-(SUPDAT)

MSDS Number

BXHVP

National Stock Number

6850-00N056064

Product Name

10045-L5 PART 1, COMMON ELEMENT STANDARD-(SUPDAT)

Manufacturer

SPEX INDUSTRIES INC

Product Identification

Product ID:10045-L5 PART 1, COMMON ELEMENT STANDARD-(SUPDAT)

MSDS Date:05/06/1992

FSC:6850

NIIN:00N056064

Kit Part:Y

MSDS Number: BXHVP

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

3) (SARA 313)

CAS: 1344-28-1

RTECS: BD1200000

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST

ANTIMONY OXIDE; (ANTIMONY TRIOXIDE) (SARA 313) (CERCLA)

CAS: 1309-64-4

RTECS: CC5650000

OSHA PEL0.5 MG (SB)/M3

ACGIH TLV: 0.5 MG (SB)/M3

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ARSENIC TRIOXIDE (SARA 302/313) (CERCLA)

CAS: 1327-53-3

RTECS: CG3325000

OSHA PELSEE 1910.1018

ACGIH TLV: 0.01 MG/M3, A1

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

(ORAL,RAT) 118 MG/KG.

CAS: 513-77-9

RTECS: CQ8600000

OSHA PEL5 MG BA/M3

ACGIH TLV: 2 MG BA/M3

BERYLLIUM OXIDE

CAS: 1304-56-9

RTECS: DS4025000

OSHA PEL0.002 MG BE/M3

ACGIH TLV: 0.002 MG BE/M3

LUNGS, LIVER, LYMPH NODES, EYES, SKIN &

RTECS: 9999999ZZ

ALSO CAUSE LUNG CANCER. PNEUMONITIS IS A RESULT OF

RTECS: 9999999ZZ

INDIUM POISONING IS INDICATED BY REDUCED FOOD &

RTECS: 9999999ZZ

NECROTIZING PNEUMONIA, BLOOD DAMAGE, DEGENERATIVE

RTECS: 9999999ZZ

AND SPLEEN SHOW SOME DAMAGE.

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 5: OVEREXP CAN CAUSE FATAL PULM FIBROSIS/CHRONIC INTERSTITIAL PNEUM. SYMPS OF EXPOS ARE DYSPNEA, COUGH, PENUMOTHORAX & VARIABLE SPUTUM. CHRONIC SKIN(EFTS OF OVEREXP)

Effects of Overexposure:HLTH HAZ: EXPOS CAN CAUSE SEV DERMAL EFTS. ING 6: CHRONIC EXPOS CAN CAUSE DISORDERS OF THE SKIN, MUCOUS MEMBS, HEART & LUNGS. ABDOM PAIN, LOSS OF APPETITE & IN FEMALES, SPONTANEOUS ABORTIONS, PREMATUR E BIRTHS & GYNECOLOGICAL PROBLEMS CAN RSLT FROM OVEREXP. ING 7: INGEST, INHAL & ABSORP THRU SKIN MAY BE FATAL.(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: KNOWN TO HAVE CARCINOGENIC EFTS. ING 8: INGESTION, INHAL & ABSORP THRU SKIN CAN BE FATAL. SIGNS OF EXPOS ARE STOMACH PAINS, DIARRHEA & VOMI T. ING 9: INGEST, INHAL & ABSORP THRU SKIN CAN BE FATAL. DISORDERS OF (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 15)
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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