

SOLDERING FLUX

MSDS Number

BJCWQ

National Stock Number

6520-01-275-1366

Product Name

SOLDERING FLUX

Manufacturer

UNITEK CORP

Product Identification

Product ID:SOLDERING FLUX

MSDS Date:04/27/1987

FSC:6520

NIIN:01-275-1366

MSDS Number: BJCWQ

Responsible Party

UNITEK CORPORATION

2724 SOUTH PECK ROAD

MONROVIA , CA 91016

Emergency Phone: (818) 574-4000

Info Phone: (818) 574-4000

Preparer: JAMES F. FORBES

Cage: 90444

Contractor

UNITEK CORPORATION

MONROVIA, CA 91016-5005

(213) 445-7960

Cage: 90444

Ingredients

BORIC ACID, ORTHOBORIC ACID

CAS: 10043-35-3

RTECS: ED4550000

ACGIH TLV: 15 MG/CUM

POTASSIUM TETRABORATE

CAS: 12228-88-5

ACGIH TLV: 1 MG/CUM

POTASSIUM BIFLUORIDE

CAS: 7789-29-9

RTECS: TS6650000

OSHA PEL1.8 MG/CUM (FUME)

ACGIH TLV: 2.5 MG/CUM (DUST)

POTASSIUM PENTABORATE

CAS: 1229-13-9

ACGIH TLV: 1.0 MG/CUM

Hazards

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

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

Health Hazards Acute and Chronic: INHALATION: IRRITATION OF THE NOSE, THROAT & EYES INGESTION: NAUSEA, VOMITING, ABDOMINAL PAIN, COMA, & DEATH. LONG TERM EXPOSURE MAY CAUSE CALCIFICATION OF BONES & LIGAMENTS. SKIN: REPEATED & PROLONGED CONTACT MAY CAUSE RASH & IRRITATION.

Explanation of Carcinogenicity: NONE

Effects of Overexposure: INHALATION: IRRITATION OF THE NOSE, THROAT, & EYES. INGESTION: NAUSEA, VOMITING, ABDOMINAL PAIN, COMA, & DEATH. LONG TERM EXPOSURE MAY CAUSE CALCIFICATION OF BONES & LIGAMENTS. SKIN: REPEATED & PROLONGED CONTACT MAY CAUSE RASH & IRRITATION.

Medical Condition Aggravated by Exposure: RASH

First Aid

First Aid: EYES/SKIN: FLUSH W/LARGE AMOUNTS OF WATER. CONSULT PHYSICIAN. INHALATION: MOVE TO FRESH AIR. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. INGESTION: GIVE LARGE QUANTITIES OF WATER & INDUCE VOMITING. GET MED ATT.

Fire Fighting

Extinguishing Media: WATER

Unusual Fire/Explosion Hazard: NONE

Accidental Release

Spill Release Procedures: CLEAN UP SPILLS BY SCRAPING UP MATERIAL, THEN WET-MOP.

Handling

Handling and Storage Precautions: NONE

Other Precautions: NONE

Exposure Controls

Respiratory Protection: IF >TLV, USE NIOSH APPROVED RESPIRATOR.

Ventilation: MECHANICAL/LOCAL EXHAUST: REQUIRED IF TLV ARE EXCEEDED.

Protective Gloves: RECOMMENDED

Eye Protection: SAFETY GOGGLES

Supplemental Safety and Health

Chemical Properties

Solubility in Water: COMPLETE

Appearance and Odor: SOFT WHITE PASTE, LITTLE ODOR

Stability

Stability Indicator/Materials to Avoid: YES

NONE

Hazardous Decomposition Products: HIGHLY TOXIC FLOURIDE FUMES.

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.