

WITCO ALLIED KELITE DIVISION -- ISOPREP 188 PART B -- 6850-01-360-9650

===== Product Identification =====

Product ID:ISOPREP 188 PART B

MSDS Date:05/11/1991

FSC:6850

NIIN:01-360-9650

Kit Part:Y

MSDS Number: BTGMV

=== Responsible Party ===

Company Name:WITCO ALLIED KELITE DIVISION

Address:29111 MILFORD ROAD

City:NEW HUDSON

State:MI

ZIP:48165

Country:US

Info Phone Num:313-437-8161

Emergency Phone N

um:313-437-8161/800-424-9300(CHEMTREC)

CAGE:NO503

=== Contractor Identification ===

Company Name:WITCO

Address:29111 MILFORD RD

Box:125

City:NEW HUDSON

State:MI

ZIP:48165

Country:US

Phone:313-437-8161

CAGE:6Z384

Company Name:WITCO ALLIED KELITE DIVISION

Address:29111 MILFORD ROAD

Box:City:NEW HUDSON

State:MI

ZIP:48165

Country:US

Phone:313-437-8161

CAGE:NO503

Company Name:WITCO CORPORATION

Address:ONE AMERICAN LANE

Box:City:GREENWICH

State:CT

ZIP:06831-2559

Country:US

Phone:903-938-514

CAGE:57375

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM BICHROMATE (SARA III)

CAS:7778-50-9

RTECS #:HX7680000

Other REC Limits:NONE RECOMME

OSHA PEL:C 0.1 MG (CRO3)/M3

ACGIH TLV:0.5 MG(CR)/M3; 9394

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:POTASSIUM BOROFLUORIDE

CAS:14075-53-7

RTECS #:ED2800000

Other REC Limits:NONE RECOMME

OSHA PEL:2.5 MG/M3 AS F

ACGIH TLV:2.5 MG/M3 AS F

Ingred Name:SODIUM HYDROGEN SULFATE

CAS:7681-38-1

RTECS #:VZ1860000

Other RE

C Limits:NONE RECOMME

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Hazards Identification
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LD50 LC50 Mixture:INHALATION LC50 (RAT) 93.6 MG/M3

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

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

Health Hazards Acute and Chronic:INHALATION OF CHROMATE DUSTS OR MISTS

CAN CAUSE ULCERATION AND PERFORATION OF NASAL SPETUM AND/OR
RESPIRATORY TRACT. INGESTION CAN BE HARMFUL OR FATAL. CHROMATES ARE
PRIMARILY TOXIC TO KIDNEYS, LIV

ER AND GI TRACT. SKIN CONTACT CAN

CAUSE IRRITATION. EYE CONTACT MAY CAUSE SEVERE IRRITATION AND
CONJUNCTIVITIS.

Explanation of Carcinogenicity:CHROMIUM AND CERTAIN CHROMIUM COMPOUNDS
ARE INCLUDED IN THE NTP LISTING OF CHEMICALS KNOWN TO BE
CARCINOGENS.

Effects of Overexposure:SKIN AND EYE BURNS, DAMAGE TO MUCOUS MEMBRANES,
RESPIRATORY SYSTEM DAMAGE, CHROME SORES (SKIN ULCERS), DAMAGE TO
LIVER, KIDNEYS, GI TRACT, CONJUNCTIVITIS.

Medical Cond Aggravated by Exposure:NONE S

PECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATERFOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH, GIVE LARGE AMOUNTS OF WATER. CAL

L A
PHYSICIAN IMMEDIATELY.

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===== Fire Fighting Measures =====

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:CLOSED CONTAINERS EXPOSED TO FIRE MAY BE COOLED WITH WATER.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:CAN REACT VIOLENTLY WITH REDUCING AGENTS AND EASILY OXIDIZABLE ORGANIC MATERIALS.

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===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE CLOTHING AND EQUIPMENT DURING CLEANUP. ABSORB SPILLS ON AN INERT MATERIAL SUCH AS EARTH, SAND OR VERMICULITE. SWEEP UP AND DISPOSE OF PROPERLY.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:WEARR PROTECTIVE CLOTHING AND EQUIPMENT WHEN HANDLING. WASH THOROUGHLY AFTER HANDLING. DO NOT SWALLOW. AVOID EYE AND SKIN CONTACT.

Other Precauti

ons:AVOID CONTACT WITH CLOTHING. WASH CLOTHING BEFORE REUSE. KEEP FROM FEED OR FOOD PRODUCTS. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. DISCARD CONTAMINATED SHOES.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SE

LECTION.

Ventilation:LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:RUBBER APRON, RUBBER BOOTS, EMERGENCY EYEWASH STATION AND SHOWER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

KEY1: D1

===== Physical/Chemical Properties =====

HCC:D1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

pH:< 7

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:MODERATE

Appearance and Odor:LIGHT ORANGE, GRANULAR POWDER, NO ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

CYANIDES, OXIDIZABLE ORGANIC MATERIALS, REDUCING AGENTS

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition P

roducts:NONE SPECIFIED BY MANUFACTURER.

===== Disposal Considerations =====

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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