

INTERNAL MATERIAL SAFETY DATA SHEET 1980

TDN: JANUARY 1, 1984 DATE UPDATED: APRIL 22, 1984

CHEMICAL NAME: BUTZ P. FORTEN 45-16

MANUFACTURER NAME/ADDRESS:
BUTZ PROCESS CHEMICALS, INC.
P.O. BOX 4300

THE WOODLANDS TX 77307

MANUFACTURER PHONE NO:
800-877-1240 EMERGENCY PHONE
713-367-2442 BUSINESS

CAS OR TRADE NO. 00001332 T EPA REPORTABLE QTY:
DOT HAZARD CLASS: COMBUSTIBLE

* SECTION 1 PHYSICAL DATA/HAZARDOUS INFO *

BOILING POINT VAPOR DENSITY SOLUBILITY
376MM Hg (AIR=1) (WEIGHTS IN WATER)
300-531 DEG. F NO 0

FREEZING/MELTING POINT VOLUME & VOLATILE PH OF SOLUTIONS:
<-20 DEG. F NO APPROX. 9.2

VAPOR PRESSURE: 1 EVAPORATION RATE:
NO <1 LBS/GAL

SPECIFIC GRAVITY(H2O=1) BULK DENSITY HEAT OF SOLUTION
7.4 LBS/GAL NOT LISTED NOT LISTED

APPEARANCE AND ODOR:
BROWN LIQUID, HYDROCARBON ODOR

* SECTION 3 FIRE AND EXPLOSION HAZARD DATA *

FLASH POINT DEG F FLAMMABLE LIMITS IN AIR(% BY VOLUME)
(METHOD USED) LEL: UEL:
158 DEG.F SETA (CC) NOT LISTED NOT LISTED

EXTINGUISHING MEDIA:
DRY CHEMICAL, CARBON DIOXIDE, FOAM OR WATER

SPECIAL FIRE FIGHTING PROCEDURES:
FIREFIGHTERS SHOULD WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING
APPARATUS (FULL FACE-PIECE TYPE).

SL 015005

 * SECTION 4.1 HEALTH HAZARD DATA *

PERMISSIBLE EXPOSURE LIMITS:
 ACGIH TLV: NONE

OSHA-PEL: NONE

MERS REC:

CARCINOGENICITY STATUS (SOURCE):
 NONE

TOXICITY DATA: EFFECTS OF OVEREXPOSURE, ETC.
 ACUTE SKIN EFFECTS: SLIGHTLY IRRITATING TO THE SKIN.
 ACUTE EYE EFFECTS: MODERATELY IRRITATING TO THE EYES.
 ACUTE RESPIRATORY EFFECTS: PROLONGED EXPOSURE MAY CAUSE DIZZINESS AND
 HEADACHE.
 CHRONIC EFFECTS: CHRONIC EFFECTS OF THIS FORMULATION HAVE NOT YET BEEN
 FULLY EVALUATED.

 * SECTION 4.2 EMERGENCY/FIRST AID PROCEDURE *

INHALATION:
 REMOVE VICTIM FROM CONTAMINATED AREA TO FRESH AIR. APPLY APPROPRIATE FIRST
 AID TREATMENT AS NECESSARY.

EYE CONTACT:
 IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINUTES. IMMEDIATELY CONTACT A
 PHYSICIAN FOR ADDITIONAL TREATMENT.

SKIN CONTACT:
 REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH A LARGE QUANTITY OF
 SOAP SOLUTION OR WATER FOR 15 MINUTES.

INGESTION:
 GENERAL - DO NOT FEED ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSIVE

SL 015006

HAZARDous MATERIAL SAFETY DATA SHEET 1300
PREPARED BY: [REDACTED] DATE: [REDACTED]
CONTENTS OF STOMACH USING 3-4 GLASSES FULL OF WATER.

NOTES TO PHYSICIAN (INCLUDING ANTIDOTES)
NONE LISTED.

* SECTION 5 REACTIVITY DATA *

STABILITY:
STABLE
CONDITIONS TO AVOID:
NONE

HAZARDOUS POLYMERIZATION:
NOT LISTED
CONDITIONS TO AVOID:
NONE LISTED

INCOMPATIBILITY (MATERIALS TO AVOID):
NONE LISTED

HAZARDOUS DECOMPOSITION PRODUCTS:
THERMAL DECOMPOSITION YIELDS OXIDES OF C, H, S, OR P IF PRESENT.

* SECTION 6 SPILL OR LEAK PROCEDURES *

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:
GENERAL - VENTILATE AREA, USE SPECIFIED PROTECTIVE EQUIPMENT. CONTAIN
AND ABSORB IN ABSORBENT MATERIAL. PLACE IN WASTE DISPOSAL CONTAINER.
THE WASTE CHARACTERISTICS OF THE ADSORBED MATERIAL, OR ANY CONTAMINATED
SOIL, SHOULD BE DETERMINED IN ACCORDANCE WITH RCRA REGULATIONS.
SPECIFIC - REMOVE IGNITION SOURCES. FLUSH AREA WITH WATER. SPREAD SAND
OR GRIT.

WASTE DISPOSAL METHOD:
GENERAL - WATER CONTAMINATED WITH THIS PRODUCT MAY BE SENT TO A SANITARY
SEWER, IN ACCORDANCE WITH ANY LOCAL AGREEMENT, A TREATMENT FACILITY OR
DISCHARGED UNDER A NPDES PERMIT.
PRODUCT (AS IS) - INCINERATE OR BURY IN APPROVED LANDFILL.

SL 015007

 * SECTION 7.1 SPECIAL PROTECTION *

RESPIRATORY PROTECTION:
 IF VENTILATION IS INADEQUATE OR SIGNIFICANT PRODUCT EXPOSURE IS LIKELY,
 USE A RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES.

 * SECTION 7.2 SPECIAL PROTECTION DATA *

VENTILATION(TYPE):
 ADEQUATE VENTILATION.

EYE PROTECTION:
 AIRTIGHT CHEMICAL GOGGLES

GLOVES:
 NEOPRENE - REPLACE AS
 NECESSARY

OTHER PROTECTIVE EQUIPMENT:
 NONE

 * SECTION 8.1 SPECIAL PRECAUTIONS *

SPECIAL PRECAUTIONS AND COMMENTS:
 STORAGE INSTRUCTIONS:
 GENERAL - KEEP CONTAINER CLOSED.
 SPECIFIC - KEEP AWAY FROM FLAMES OR SPARKS. DO NOT USE, POUR OR STORE
 NEAR HEAT OR OPEN FLAMES.
 HANDLING INSTRUCTIONS:
 GENERAL - IMMEDIATELY REMOVE CONTAMINATED CLOTHING, WASH BEFORE REUSE.
 SPECIFIC - COMBUSTIBLE.

 * SECTION 8.2 REFERENCES *

REFERENCES:
 NONE LISTED.

 * SECTION 8.4 MISC INFORMATION *

MISC INFORMATION:
 GENERIC DESCRIPTION:

SL 015008

INTERNAL DATA - TOTAL COUNTRY DATA - R.F. 1063
A. ACETOPHENYLCHLORIDE IN A HEAVY AROMATIC NAPHTHA.

* UPDATED: MARCH 24, 1966 *

SL 015009