



Material Safety Data Sheet

PRODUCT NAME: ATBC (KOSHER)
CHEMICAL NAME & SYNONYMS: ACETYL TRI-BUTYL CITRATE (KOSHER)
RECOMMENDED USE: TIN PLATE OILING COMPOUND (KOSHER)

INFORMATION PHONE: 219-962-8554
EMERGENCY PHONE: 1-800-535-5053

HMIS

HEALTH	
FLAMMABILITY	
REACTIVITY	0

I. PHYSICAL DATA & CHEMICAL DATA

BOILING POINT: 173 C
VAPOR PRESSURE: 0.8
SOLUBILITY IN WATER: INSOLUBLE
EVAPORATION RATE: LESS THAN WATER
SPECIFIC GRAVITY: 1.098
PERCENT VOLATILE BY VOLUME: LESS THAN 0.1%
APPEARANCE: CLEAR LIQUID
ODOR: MILD
PHYSICAL STATE: LIQUID
VAPOR DENSITY: 14.1
pH CONC. (As Shipped): N/A

II. POTENTIALLY HAZARDOUS INGREDIENTS

CAS #: NONE

CAS #: NONE

SEE SECTIONS IX & X FOR FURTHER DATA

III. FIRE AND EXPLOSION DATA

FLASH POINT: 400 F COC
FLAMMABLE LIMITS: N/D LOWER: N/D UPPER: N/D
E#TI GUSHI G MEDIA: WATER MIST, CO2, FOAM
SPECIAL FIRE FIGHTING PROCEDURES:

Cool containers exposed to fire with water spray. Use self contained breathing apparatus with full face piece & protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

IV. REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

N/A

INCOMPATIBILITY:

Oxidizing agents, acids

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide, smoke

HAZARDOUS POLYMERIZATION:

Will not occur.

V. HEALTH HAZARD DATA**PUBLISHED EXPOSURE LIMITS**

NE

EFFECTS OF OVEREXPOSURE**ACUTE:**

Inhalation: Acute effect unlikely.

Skin: Acute effect unlikely.

Eyes: Contact may cause irritation.

Ingestion: May cause upset stomach and diarrhea.

CHRONIC:

Inhalation: Long-term exposure to vapors/mists may cause pulmonary irritation, dizziness, and nausea.

Skin: Prolonged contact may cause various skin disorders.

Eyes: Prolonged contact may cause irritation.

Ingestion: Prolonged ingestion may cause upset stomach and diarrhea.

CARCINOGENICITY**NTP:**

None

IARC:

None

OSHA REGULATED: None**INHALATION:**

Remove to fresh air and provide oxygen if breathing is difficult.

INGESTION:

Normally no treatment is necessary unless large volume of product is ingested. If large volume is ingested, get medical attention.

EYE CONTACT:

Flush with water for 15 minutes while holding eyelids open. If irritation occurs, call a physician.

SKIN CONTACT:

Wash with water and mild soap.

VI. SPILL & LEAK PROCEDURES**IF MATERIAL IS RELEASED OR SPILLED:**

Recover free liquid. Add clay or sand absorbent to spill area to recover residue.

WASTE DISPOSAL:

Disposal procedures must be in accordance with Local, State, and Federal Regulations.

VII. SPECIAL PROTECTION INFORMATION**RESPIRATORY PROTECTION:**

Natural ventilation normally sufficient.

LOCAL EXHAUST: N/A**SPECIAL:** N/A**MECHANICAL (GENERAL):** For closed space**OTHER:** N/A**PROTECTIVE GLOVES:**

Chemical resistant

EYE PROTECTION: Splash goggles, face shield, or glasses.

OTHER PROTECTIVE EQUIPMENT:

Chemical apron if needed to avoid prolonged or repeated contact.

NIOSH approved respirator for organic vapor and mist to control exposure where ventilation is inadequate.

VIII. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store between 60-90 F. Store in carbon steel tank or drums away from a source of heat or open flame.

Empty containers contain product residue. Do not cut or weld on or near container. Store in a well ventilated area.

PERSONAL HYGIENE:

Wash thoroughly before meals and at end of work periods. Launder or dry-clean soiled clothing before reuse.

Discard shoes that become saturated with product.

IX. ENVIRONMENTAL REGULATIONS/FEDERAL EPA

SARA III (Superfund Amendment and Reauthorization Act of 1986)

40 CFR Part 372 and 40 CFR Part 355

Sections 302, 304, and 40 CFR 355 - Extremely Hazardous Substances:

COMPONENT	RQ (lbs.)	TPQ (lbs.)	CAS#
NONE			

Sections 311, 312, and 40 CFR 355 - Hazard Categories:

ACUTE (IMMEDIATE HEALTH HAZARD):	No	FIRE HAZARD:	Yes
CHRONIC (DELAYED HEALTH HAZARD):	N/D	REACTIVE HAZARD:	No
SUDDEN PRESSURE RELEASE:	No		

Section 313 and 40 CFR Part 372

COMPONENT	CAS#
NONE	

CERCLA (Comprehensive Environment Response, Compensation and Liability Act)

Section 102 - Hazardous Substances:

COMPONENT	RQ (lbs.)	CAS#
NONE		

CLEAN WATER ACT:

Under section 311 (b)(4) of this act, contamination of surface waters by petroleum products must be reported immediately to the National Response Center.

X. PRECAUTIONARY LABEL TEXT

FOR INDUSTRIAL USE ONLY.

NOT INTENDED OR SUITABLE FOR USE IN OR AROUND A HOUSEHOLD OR DWELLING.

ATTENTION:

EMPTY CONTAINERS CONTAIN PRODUCT RESIDUE, INCLUDING IGNITABLE VAPORS. DO NOT CUT OR WELD. REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER SAFETY AND HEALTH INFORMATION.

HMIS/NFPA HAZARD: 4 = SEVERE 3 = SERIOUS 2 = MODERATE 1 = SLIGHT 0 = MINIMAL

N/D = NOT DETERMINED N/A = NOT APPLICABLE < = LESS THAN > = GREATER THAN

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