



L.T. York company

Badger Supply Health

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME L.T. York Company
ADDRESS (Number, Street, City, State, and ZIP Code) 440 East Helm St. - Brookfield, Missouri 64628
CHEMICAL NAME AND SYNONYMS 2-propanone
TRADE NAME AND SYNONYMS Acetone
CHEMICAL FAMILY Ketone
FORMULA CH3COCH3

SECTION II HAZARDOUS INGREDIENTS

Table with columns for PAINTS, PRESERVATIVES & SOLVENTS, ALLOYS AND METALLIC COATINGS, and TLV (Units). Rows include PIGMENTS, CATALYST, VEHICLE, SOLVENTS, ADDITIVES, and OTHERS, all marked as NA.

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS OR GASES

Not Applicable

SECTION III PHYSICAL DATA

BOILING POINT (°F.) 56°C (133°F)
SPECIFIC GRAVITY (H2O=1) 0.792 at 20/20°C (68/68°F)
VAPOUR PRESSURE (mm Hg) 380 mm Hg at 38°C (100°F)
PERCENT VOLATILE BY VOLUME (%) 100%
VAPOUR DENSITY (AIR=1) 2.0
EVAPORATION RATE (-1) 11.6
SOLUBILITY IN WATER Complete
APPEARANCE AND ODOR Clear colorless liquid, sweet pungent odor

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Tag closed cup - 18°C (0°F)
FLAMMABLE LIMITS At 25°C (77°F)
Lel 2.6 Uel 13.0
EXTINGUISHING MEDIA Dry chemical or alcohol - type foam. Waterspray may be ineffective
SPECIAL FIRE FIGHTING PROCEDURES Use waterspray to cool fire-exposed surfaces and to protect personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS Respiratory protection required for fire fighting personnel.
Stay upwind, if possible. Cool exposed tanks with water.

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

1000 ppm

EFFECTS OF OVEREXPOSURE

Acute: Vapor irritates eyes, nose & throat. Liquid may cause eye injury.

Chronic: Liquid is irritating to skin, causing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES

If overcome by vapors, remove to fresh air and if breathing stopped, give artificial respiration. Keep individual calm. Call a physician. If skin contact

occurs, wash affected parts thoroughly with soap and water; launder clothing

before re-use. If eye contact occurs, flush with water for at least 15 min, and call a physician.

SECTION VI REACTIVITY DATA

STABILITY

UNSTABLE \downarrow

CONDITIONS TO AVOID

STABLE X

Not applicable

INCOMPATIBILITY (Materials to avoid)

Inorganic acids, caustic, amines, alkanolamines, oxygen, halogens, aldehydes, ammonia, oxidizing agents, chlorinated compounds.

HAZARDOUS DECOMPOSITION PRODUCTS

NONE

HAZARDOUS POLYMERIZATION

MAY OCCUR N/A

CONDITIONS TO AVOID N/A

N/A

WILL NOT OCCUR N/A

N/A

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Keep public away. Shut off source if possible to do so without hazard. Eliminate sources of ignition. Warn occupants of downwind areas of explosion hazard. Prevent liquid from entering sewers, watercourses or low areas.

WASTE DISPOSAL METHOD

Contain spilled liquid with sand or earth. Dilute contained spill with water. Recover free liquid by pumping or with a suitable absorbant. Consult a disposal expert and ensure conformity to local regulation.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)

Use approved respiratory protection such as air-supplied mask if used in enclosed spaces

VENTILATION

LOCAL EXHAUST

Face Velocity > 60 fpm in confined space

SPECIAL

MECHANICAL (General)

Explosion-proof ventilation equipment

OTHER

No smoking or open lights

PROTECTIVE GLOVES

Chemically resistant gloves

EYE PROTECTION

Chemical splash goggles or face shield

OTHER PROTECTIVE EQUIPMENT

Usually not needed

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep container closed when not in use. Do not handle or store near flame, heat or strong oxidants. Adequate ventilation required. Containers of this material may be

OTHER PRECAUTIONS

(cont.) hazardous when emptied. Emptied containers retain product residues (vapor

liquid, etc.) Observe all Hazard Precautions outlined in this sheet. All handling equipment should be electrically grounded.