

# MATERIAL SAFETY DATA SHEET (MSDS)



Zhangjiagang Yaru Chemical Co., Ltd.

China phosphate ester flame retardant production and export manufacturers

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## Triisobutyl phosphate (cas 126-71-6) MSDS

MSDS : Phosphoric acid, tris(2-methylpropyl) ester  
 CAS : 126-71-6  
 SYNONYMS : \* Isobutyl phosphate  
 \* Phosphoric acid, triisobutyl ester  
 \* Triisobutyl phosphate

Catalog of Chemical Suppliers, Buyers, Custom Synthesis Companies And Equipment Manufacturers  
 [ Phosphoric acid, tris(2-methylpropyl) ester 126-71-6 ]

### \*\*\* CHEMICAL IDENTIFICATION \*\*\*

RTECS NUMBER : TC9300000  
 CHEMICAL NAME : Phosphoric acid, tris(2-methylpropyl) ester  
 CAS REGISTRY NUMBER : 126-71-6  
 BEILSTEIN REFERENCE NO. : 1710574  
 REFERENCE : 4-01-00-01598 (Beilstein Handbook Reference)  
 LAST UPDATED : 199710  
 DATA ITEMS CITED : 7  
 MOLECULAR FORMULA : C12-H27-O4-P  
 MOLECULAR WEIGHT : 266.36  
 COMPOUND DESCRIPTOR : Primary Irritant  
 SYNONYMS/TRADE NAMES :  
 \* Isobutyl phosphate  
 \* Phosphoric acid, triisobutyl ester  
 \* Triisobutyl phosphate



### \*\*\* HEALTH HAZARD DATA \*\*\*

#### \*\* SKIN/EYE IRRITATION DATA \*\*

TYPE OF TEST : Standard Draize test  
 ROUTE OF EXPOSURE : Administration onto the skin  
 SPECIES OBSERVED : Rodent - rabbit  
 DOSE/DURATION : 500 uL  
 REACTION SEVERITY : Moderate  
 REFERENCE :  
 NTIS\*\* National Technical Information Service. (Springfield, VA 22161)  
 Formerly U.S. Clearinghouse for Scientific & Technical Information.  
 Volume(issue)/page/year: OTS0528542

TYPE OF TEST : Standard Draize test  
 ROUTE OF EXPOSURE : Administration into the eye  
 SPECIES OBSERVED : Rodent - rabbit  
 DOSE/DURATION : 100 uL  
 REACTION SEVERITY : Moderate  
 REFERENCE :  
 NTIS\*\* National Technical Information Service. (Springfield, VA 22161)  
 Formerly U.S. Clearinghouse for Scientific & Technical Information.  
 Volume(issue)/page/year: OTS0528543

#### \*\* ACUTE TOXICITY DATA \*\*

TYPE OF TEST : LD50 - Lethal dose, 50 percent kill  
 ROUTE OF EXPOSURE : Oral  
 SPECIES OBSERVED : Rodent - rat  
 DOSE/DURATION : >5 gm/kg  
 TOXIC EFFECTS :  
 Details of toxic effects not reported other than lethal dose value  
 REFERENCE :  
 AIHAAP American Industrial Hygiene Association Journal. (AIHA, 475 Wolf  
 Ledges Pkwy., Akron, OH 44311) V.19- 1958- Volume(issue)/page/year:  
 34,286,1973

TYPE OF TEST : LC - Lethal concentration  
 ROUTE OF EXPOSURE : Inhalation  
 SPECIES OBSERVED : Rodent - rat  
 DOSE/DURATION : >122 ppm/6H  
 TOXIC EFFECTS :  
 Details of toxic effects not reported other than lethal dose value  
 REFERENCE :  
 AIHAAP American Industrial Hygiene Association Journal. (AIHA, 475 Wolf

Ledges Pkwy., Akron, OH 44311) V.19- 1958- Volume(issue)/page/year:  
34,286,1973

\*\*\* STATUS IN U.S. \*\*\*

EPA TSCA Section 8(b) CHEMICAL INVENTORY

EPA TSCA Section 8(d) unpublished health/safety studies

EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, JUNE 1998

\*\*\* END OF RECORD \*\*\*