Click Here

(^^)/ g/mlg/cm3CH3COOC2H5SDSg/mlg/cm3g/mlg/cm3CH3COOC2H5g/mlSDS CH3COOC2H5CH3COOC2H57777.1-84-83.6 g/mlg/cm3g/mlg/cm30.90 g/mlg/cm30.900.90 g/mlg/cm31.0g/cm31(^^)/ SDSSDS g/mlg/cm3SDSCH3COOC2H5SDSg/mlg/cm3CH3COOC2H5SDS Page 2 (^^)/ g/mlg/cm3CH2Cl2SDSg/mlg/cm3g/mlg/cm3CH2Cl2g/mlSDS CH2Cl2CH2Cl24039.840-95-96.72-24.2 g/mlg/cm3g/mlg/cm31.33 g/mlg/cm31.331.33 g/mlg/cm31.0g/cm31(^^)/ SDSSDS g/mlg/cm3SDSCH2Cl2SDSg/mlg/cm3CH2Cl2SDS Page 3 (^^)/ g/mlg/cm3C6H4(CH3)2SDSg/mlg/cm3g/mlg/cm3C6H4(CH3)2g/mlSDS C6H4(CH3)2C6H4(CH3)2140138.5139138-48-25-48132- g/mlg/cm3g/mlg/cm30.87 g/mlg/cm30.870.87 g/mlg/cm31.0g/cm31(^^)/ SDSSDS g/mlg/cm3SDSC6H4(CH3)2SDSg/mlg/cm3C6H4(CH3)2SDS 4 200.898g0.906gcm3 25108203 3 1 1895 221906V. 35620146 3 IUPACCAS141-78-63D model (JSmol)Interactive imageECHA InfoCard100.005.001 EE1504 ()KEGGD02319RTECS numberAH5425000CompTox Dashboard (EPA)DTXSID1022001 SMILESCCOC(C)=OC4H8O288.105 g/molCH3COOCH2CH30.897 g/cm3,83.6 (189.55 K) 77.1 (350.25 K) 8.3 g/100 mL (20) (nD)1.37200.426 cP 251.78 DNFPA 704144 C,, (25C) (100kPa) : ethyl acetate 4 [1] 3% 10%25 CH 3 COOCH 2 CH 3 + OH CH 3 COO + CH 3 CH 2 OH {\displaystyle {\ce {CH3COOCH2CH3 + OH^- -> CH_3COO^- + CH3CH2OH}}} 3Fisher(=) C H 3 C O O H + C H 3 C H 2 O H c a t . H + C H 3 C O O C H 2 C H 3 + H 2 O {\displaystyle {\rm {CH_{3}COOH+CH_{3}CH_{2}OH{\begin{matrix}{\rm {cat.H^{+}}}\\\ _{\longleftarrow }^{\longrightarrow }\\\ \end{matrix}}CH_{3}COOCH_{2}CH_{3}+H_{2}O}}} 562008 186,682 t 2,377 t [2] ?:"" CiNii J-STAGE NDL dlib.jp TWL (20158)20102006200940%()(SINOCHEM)20062010615t22 - 26(BTX)()201131)()2007260,854MT2008186,719MT2009156,528MT2010110,532MT2010220111[2]2)200747,884MT200874,309MT200977,268MT2010105,205MT200722,007MT200850,099MT200953,432MT201082,275MT4 [][]^ ^ a b (JIS Z7253:2019) 20031205 20100331 20200313 (Ethyl acetate)R01-B-08603-1234-567803-1234-5678.or.jp03-1234-5678 (NITE-CHRIP)GHS()R2.3.13GHS (H25 (ver1.1)) JIS Z7252:2019 (GHS6)2 (:)42B ()3 ()3 ()()H21GHS (H21.3) (R1)- = ()C4H8O2 (88.11) ()CAS141-78-6()2-726(): : : / () : 8. 10. () ACGHITLVs and BEIs200 ppm (2019)200 ppm720 mg/m3ACGIH (2019)TLV-TWA: 400 ppm1,440 mg/m32 (201) (GHS) ((1991)) ((1991))-83.8 (HSDB (Access on October 2019))77 (NFPA (2010)) ((1991))2.011.5 vol (NFPA (2010)) -4 (c.c.) (NFPA (2010)) 426 (NFPA (2010))pH0.423 mPas (HSDB (Access on November 2019))8.0x104 mg/L (25) (HSDB (Access on November 2019)) (HSDB (Access on November 2019))n-log Kow = 0.73 (HSDB (Access on November 2019))93.2 mmHg 25 (HSDB (Access on November 2019))0.9003 g/cm3 (20) (HSDB (Access on November 2019))3.04 (=1) (HSDB (Access on November 2019)) (1)(4) (1) LD50: 5,600 mg/kg (ACGIH (7th, 2001))(2) LD50: 10,100 mg/kg (DFGOT vol.12 (1999))(3) LD50: 11.3 g/kg (11,300 mg/kg) (IRIS (1987)) (4) LD50: 5,620 mg/kg (10 (2012))(1)(2) (1) LD50: > 18,000 mg/kg (SIDS (2008)DFGOT vol. 12 (1999))(2) LD50: > 20 mL/kg (18,000 mg/kg) (10 (2012)): GHS: (1)(2) 4 (123,000 ppm) 90ppm(1) LC50 (4): 14,640 ml/m3 (14,640 ppm) (DFGOT vol.12 (1999))(2) LC50 (6): 16,000 ppm (4: 19,600 ppm) (HSDB (Access on September 2019))(3) LC50 (4): 4,000 ppm (HSDB (Access on September 2019))(4) LC50 (6): > 6,000 ppm (4: 7,300 ppm) (SIDS (2008)): (1)(2) (1) US Federal Register protocol4 (REACH (Access on October 2019))(2) (SIDS (2008)) (3) 161048 (DFGOT vol.12 (1999)) (4) (DFGOT vol.12 (1999)) (1)(3) 2B(1) 24/48/72h(1101122715 (=110) (ECETOC TR48 (1998)SIDS (2008)REACH (Access on October 2019)) (2) 400 ppm (ACGIH (7th,2001)HSDB (Access on September 2019)) (3) (PATTY (6th, 2012)GESTIS (Access on September 2019)) (4) EU-CLPEye Irrit. 2 (H319) (EU CLP (Access on September 2019)) (5) 1500 mL/m3 (DFGOT vol.12 (1999)) (6) (SIDS (2008)) (1)(2) (1) OECD TG406 (guinea pig maximisation test) (SIDS (2008)) (2) (SIDS (2008))(3) (HSDB (Access on September 2019))(4) (DFGOT vol.12 (1999)) (1)(2) in vivoin vitro(1) in vivo (DFGOT vol.12 (1999)SIDS (2008))(2) in vitro (DFGOT vol.12 (1999)NTP DB (Access on September 2019)SIDS (2008)10 (2012)) () (1)(4) 3 () (1) 10400 ppm35 (DFGOT vol.12 (1999)ACGIH (7th, 2001))(2) 16402 ppm 4 (10 (2012))(3) 20,000 ppm45 (ACGIH (7th, 2001))(4) 66,000 ppm (22.5 mg/L) (SIDS (2008)) ()(1) (2) 1(3) (2) (1) 903,600 mg/kg/day (SIDS (2008)10 (2012))(2) 13 (6/5/) 350 ppm (: 0.9 mg/L1) () (10 (2012))(3) 3751,500 ppm (ACGIH (7th, 2001))*JIS Z7252 () () 96LC50 = 230 mg/L (SIDS (2008)) () 24LC50 = 2,500 mg/L (SIDS (2008)) () (= 80,000 mg/L (PHYSPROP Database (2009))) 121173ETHYL ACETATE3-IIMARPOL73/78IBCZ () *129*2016 Emengency Response Guidebook (ERG 2016) (PRTR)911NITENITE-CHRIPInternational Chemical Safety Cards (ICSC)Hazardous Substances Data Bank (HSDB)GESTIS Substance database (GESTIS)ERG 2016 Copyright 2017 ChemicalBook. All rights reserved Guaranteed Reagent : () : CAS RN : 141-78-6 : CH3COOC2H5 : 88.11 : 57 2 57-2 4-1()-II -III GHS : JIS K8361(500ml3L)JIS(1) (Vol.74 No.3, p14 (2006.7)) 10 (8.7g/100g, 20), (99.5) -83.6 77 4 () 0.8980.902g/ml (20) 1.3701.374(20/D) 99.5+% (mass/mass)(CH3COOC2H5)(GC) () C4H8O2CHOCH3COOCH2CH3-COO-CAS141-78-6C4H8O2-4426770.902PRTR20200L1/540L4422ESBMEKTH

Process theories of motivation. The process motivation. Motivationsteori.