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MONITORING RECORD

Isopropyl Alcohol

Badge#	TWA	NAME/AREA	EMP ID#	POSITION/TITLE	ACTIVITY	PROTECTIVE EQUIPMENT	START	STOP	HR/MN	PPM	PASS/FAIL
14407	X	Pool Room					7/4/08 8:30 AM	7/4/08 4:30 PM	8:00	1.30	PASS

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Isopropyl Alcohol



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Environmental Monitoring Technology
121 Shivel Drive • Hendersonville, TN 37075
(615) 824-0712 • Fax (615) 822-5989
www.emt-online.com • custserv@emt-online.com

COMMENTS

The OSHA permissible exposure limit (PEL) for Isopropyl Alcohol is 400.0 ppm based on personal exposure for an 8 hour period. There is no OSHA short-term exposure limit (STEL) for a 15 minute period. The NIOSH limit is 500.0 ppm based on a 15 minute period.

The level measured is below the permissible exposure limit.

Method of Analysis: *OSHA Method 7*
Date Received: 07/16/08
Date Analyzed: 07/17/08

The value reported is the average concentration for the monitoring period used, based on the information provided by the user.

ISOPROPYL ALCOHOL PROPERTIES

NAMES

2-hydroxypropane; 2-Propanol; Alcohol; alcojel; alcosolve; alcosolve 2; avantin; Dimethylcarbinol; chromar; combi-schutz; DuPont Zonyl FSA Fluorinated Surfactants; DuPont Zonyl FSJ Fluorinated Surfactants; DuPont Zonyl FSN Fluorinated Surfactants; DuPont Zonyl FSP Fluorinated Surfactants; hartosol; imsol a; IPA; i-Propanol; isohol; Isopropanol; ISOPROPYL ALCOHOL (MANUFACTURING, STRONG-ACID PROCESS); lutosol; n-propan-2-ol; petrohol; Propan-2-ol; propol; Rubbing Alcohol; spectrar; Sec-propanol; sec-Propyl alcohol; sterisol hand disinfectant; takineocol

CHEMICAL FORMULA: C_3H_8O
CAS (Chemical Abstract Service) NUMBER: 67-63-0
RTECS (NIOSH Registry of Toxic Effects of Chemical Substances) NUMBER: NT8050000
DOT (Department of Transportation) NUMBER: UN 1219 Flammable liquid

PROPERTIES:

Isopropyl Alcohol is a clear colorless liquid with an odor of rubbing alcohol and was ranked number 50 in the list of the top 50 chemicals produced in the United States for 1994, with 1.39 billion pounds produced. Isopropyl Alcohol is used in the synthesis of acetone, glycerin, glycerol, and isopropyl acetate, and as a solvent for gums, shellac, essential oils, creosote, and resins. It is used in anti-freeze formulations, quick-drying inks and oils, as a denaturant for ethyl alcohol, cosmetics, after shaves, hand lotions, and hair care products. A 70% solution in water is known as rubbing alcohol, and is used as a body rub and disinfectant.

SOLUBILITY:

Isopropyl Alcohol is miscible in water.

ODOR THRESHOLD: 37 to 610 parts per million (ppm). The range of accepted odor threshold values is quite broad. Caution should be used in relying on odor alone as a warning of potentially hazardous exposures.

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