

MATERIAL SAFETY DATA SHEET ISOPROPYL ALCOHOL, 70% SOLUTION

Section 01 Identification

 Info Furnished By..... BRENNTAG WEST, INC.
 Address..... 10747 PATTERSON PLACE, SANTA FE SPRINGS, CA 90670
 Emergency Phone #..... 562/903-9626, 800/424-9300 (CHEMTREC)
 Date Effective..... 03/21/03
 Product or Trade Name..... ISOPROPYL ALCOHOL, 70% SOLUTION
 Chemical Family..... ALCOHOL
 Chemical Name/Synonyms.... ISOPROPYL ALCOHOL, 70% SOLUTION
 HAZARDOUS INGREDIENTS CAS REGISTRATION # HAZARD DATA
 ACGIH (TLV) OSHA (PEL)

ISOPROPYL ALCOHOL	67-63-0	400 PPM	400 PPM
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Section 02 Physical Data

 BOILING POINT: 173 (DEG. F.)
 SPECIFIC GRAVITY: 0.877 (H2O=1)
 VAPOR PRESSURE: 23 @ 68 DEG. F. (MM HG)
 VOC: 563 G/L
 SOLUBILITY: COMPLETE (IN WATER)
 VAPOR DENSITY: >1 (AIR=1)
 EVAPORATION RATE (N-BUTYL ACETATE=1): >1
 APPEARANCE: CLEAR, COLORLESS, MILD ODOR LIQUID.

Section 03 Fire And Explosion Hazard Data

 Flash Point..... 71 DEG. F
 FLASH POINT AND METHOD: 71 DEG. F. - TCC

FLAMMABLE LIMITS /% VOLUME IN AIR:
 LOWER: 2
 UPPER: 12

EXTINGUISHING MEDIA:

USE WATER FOG, "ALCOHOL" FOAM, DRY CHEMICAL OR CO2.

SPECIAL FIRE-FIGHTING PROCEDURES AND PRECAUTIONS:

W A R N I N G - FLAMMABLE. CLEAR FIRE AREA OF UNPROTECTED PERSONNEL
DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH
FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE
PRESSURE NIOSH-APPROVED, SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-
EXPOSED CONTAINERS WITH WATER.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO
PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE.
CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT SHOULD BE COOLED WITH
LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER
STRUCTURE.

Section 04 Reactivity Data

 STABILITY: STABLE

The information herein is given in good faith, but no warranty, express or implied, is made.