

SPECIFICATION SHEET

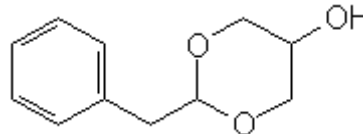
VERSION 1,00 **VERSION DATE** 01/09/22 **PRINT DATE** 04/07/24

PRODUCT PHENYLACETALDEHYDE GLYCERYL ACETAL IFF
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME BENZENEACETALDEHYDE, CYCLIC ACETAL OF GLYCEROL
SYNONYMS ACETAL CD, HYACINTH ACETAL, 2-(PHENYLMETHYL)-1,3-DIOXAN-5-OL

FORMULA C11 H14 O3
MOLECULAR WEIGHT 194,10
CAS 29895-73-6

EINECS 249-934-2

FEMA 2877
TARIFF NUMBER 2911000000



REACH REGISTRATION NO. 01-2120735658-43

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR HONEY, HYACINTH, CYCLAMEN, GREEN, ROSE
TASTE
DENSITY AT 20°C (g / ml) 1,152 - 1,162
DENSITY 25/25 1,151 - 1,161
REFRACTIVE INDEX nD20 1,5290 - 1,5340
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 358°C (1 atm)
MELTING POINT (°C) -
FLASH POINT (°C) 94,00
ASSAY (% GC) SUM OF ACETALS >98%
ACID VALUE (mg KOH/g) -
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE < 0,01 hPa (CALC.)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA ISOMER 1 12-24%; ISOMER 2 30-50%; ISOMER 3 23-38%; ISOMER 4 <20%;
PHENYLACETALDEHYDE <0,01%.

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
PURGE HEADSPACE WITH NITROGEN.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE.
IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.