

## SPECIFICATION SHEET

**VERSION** 5,00 **VERSION DATE** 19/09/22 **PRINT DATE** 06/05/24

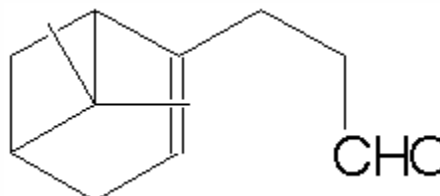
**PRODUCT** PINOACETALDEHYDE IFF  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 2-NORPINENE-2-PROPIONALDEHYDE, 6,6-DIMETHYL  
**SYNONYMS**

**FORMULA** C12 H18 O  
**MOLECULAR WEIGHT** 178,00  
**CAS** 33885-51-7

**EINECS** 251-717-2

**TARIFF NUMBER** 2912290090  
**KOSHER CERTIFICATE** AVAILABLE ON REQUEST

**REACH REGISTRATION NO.** 01-2120739476-45



## SPECIFICATIONS

|                                 |                                |          |
|---------------------------------|--------------------------------|----------|
| <b>ASPECT AT 20°C</b>           | CLEAR MOBILE LIQUID            |          |
| <b>COLOUR</b>                   | COLORLESS TO PALE YELLOW       |          |
| <b>ODOUR</b>                    | ALDEHYDIC, PINE, HERBAL, GREEN |          |
| <b>TASTE</b>                    |                                |          |
| <b>DENSITY AT 20°C (g / ml)</b> | 0,955                          | - 0,965  |
| <b>DENSITY 25/25</b>            |                                | -        |
| <b>REFRACTIVE INDEX nD20</b>    | 1,4830                         | - 1,4870 |
| <b>REFRACTIVE INDEX nD25</b>    |                                | -        |
| <b>OPTICAL ROTATION (°)</b>     |                                | /        |
| <b>BOILING POINT (°C)</b>       | -                              |          |
| <b>MELTING POINT (°C)</b>       |                                |          |
| <b>FLASH POINT (°C)</b>         | 89,00                          |          |
| <b>ASSAY (% GC)</b>             | > 96                           |          |
| <b>ACID VALUE (mg KOH/g)</b>    | < 3                            |          |
| <b>SOLUBILITY</b>               | INSOLUBLE IN WATER             |          |
| <b>VAPOUR PRESSURE</b>          | 0,0436593 hPa (calculated)     |          |
| <b>OTHER SOLUBILITIES</b>       | SOLUBLE IN ETHANOL             |          |

**OTHER TECHNICAL DATA** SHOWS TENDENCY FOR POLYMERISATION/OXIDATION ON STORAGE.

## 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. REFRIGERATION RECOMMENDED. IT CONTAINS 0,4% OF TOCOPHEROL.

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.