

## SPECIFICATION SHEET

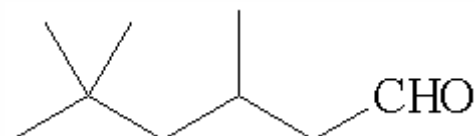
**VERSION** 3,00 **VERSION DATE** 19/09/22 **PRINT DATE** 23/04/24

**PRODUCT** VANDOR B IFF  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 3,5,5-TRIMETHYLHEXANAL  
**SYNONYMS** TERT-BUTYL-ISOPENTANAL, ISONONYL ALDEHYDE, VANDOR B

**FORMULA** C19 H18 O  
**MOLECULAR WEIGHT** 142,00  
**CAS** 5435-64-3

**EINECS** 226-603-0

**FEMA** 3524  
**TARIFF NUMBER** 2912190090



**REACH REGISTRATION NO.** 01-2119404656-40

## SPECIFICATIONS

|                                 |                          |          |
|---------------------------------|--------------------------|----------|
| <b>ASPECT AT 20°C</b>           | CLEAR MOBILE LIQUID      |          |
| <b>COLOUR</b>                   | COLORLESS                |          |
| <b>ODOUR</b>                    | ALDEHYDIC, GREEN, CITRUS |          |
| <b>TASTE</b>                    |                          |          |
| <b>DENSITY AT 20°C (g / ml)</b> | 0,818                    | - 0,826  |
| <b>DENSITY 25/25</b>            |                          | -        |
| <b>REFRACTIVE INDEX nD20</b>    | 1,4190                   | - 1,4240 |
| <b>REFRACTIVE INDEX nD25</b>    |                          | -        |
| <b>OPTICAL ROTATION (°)</b>     |                          | /        |
| <b>BOILING POINT (°C)</b>       | -                        |          |
| <b>MELTING POINT (°C)</b>       |                          |          |
| <b>FLASH POINT (°C)</b>         | 47,00                    |          |
| <b>ASSAY (% GC)</b>             | > 90                     |          |
| <b>ACID VALUE (mg KOH/g)</b>    | < 10                     |          |
| <b>SOLUBILITY</b>               | INSOLUBLE IN WATER       |          |
| <b>VAPOUR PRESSURE</b>          | 0,1066 calculated (kPa)  |          |
| <b>OTHER SOLUBILITIES</b>       | SOLUBLE IN ETHANOL       |          |

## OTHER TECHNICAL DATA

## STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 36 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.  
 PURGE HEADSPACE WITH NITROGEN. IT CONTAINS 0,1% OF TOCOPHEROL OR 0,1% OF BHT.

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.