

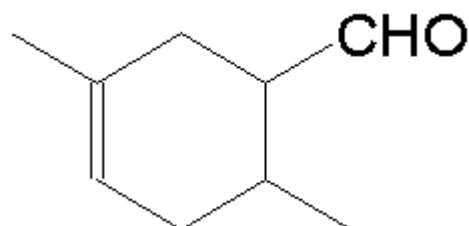
## SPECIFICATION SHEET

**VERSION** 3,00 **VERSION DATE** 01/03/21 **PRINT DATE** 23/04/24

**PRODUCT** VERTOLIFF IFF  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 3,6-DIMETHYL-3-CYCLOHEXENE-1-CARBOXALDEHYDE  
**SYNONYMS** TRIPLAL EXTRA, CYCLOVERTAL

**FORMULA** C<sub>9</sub> H<sub>14</sub> O  
**MOLECULAR WEIGHT** 138,10  
**CAS** 27939-60-2  
**CAS 2** 67801-65-4  
**EINECS** 248-742-6  
**EINECS 2** 267-186-5

**TARIFF NUMBER** 2912290090



**REACH REGISTRATION NO.** 01-2120766006-57

## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID
<b>COLOUR</b>	COLORLESS TO PALE YELLOW
<b>ODOUR</b>	GREEN, CITRUS, HERBAL, ALDEHYDIC
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	0,926 - 0,934
<b>DENSITY 25/25</b>	0,925 - 0,933
<b>REFRACTIVE INDEX n<sub>D</sub>20</b>	1,4660 - 1,4700
<b>REFRACTIVE INDEX n<sub>D</sub>25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	90°C (32 mbar)
<b>MELTING POINT (°C)</b>	-
<b>FLASH POINT (°C)</b>	64,00
<b>ASSAY (% GC)</b>	ALFA > 85; BETA < 15; SUM > 98
<b>ACID VALUE (mg KOH/g)</b>	-
<b>SOLUBILITY</b>	INSOLUBLE IN WATER
<b>VAPOUR PRESSURE</b>	0,4 hPa calculated)
<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 0,5% 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.