Technical Data Sheet (TDS)

Augeo® Clean Multi

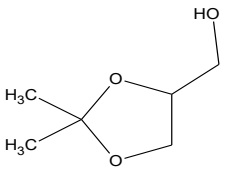
REFERENCE

UQP-2-SOL-FP-099 (version 13) - September 2026

IDENTIFICATION

CAS NUMBER: 100-79-8

ESTRUCTURAL FORMULA:



MOLECULAR FORMULA: $C_6H_{12}O_3$
MOLECULAR WEIGHT: 132,16

SINONYMS:

Isopropylidene Glycerol; 2,2-Dimethyl-4-Hydroxymethyl-1,3-Dioxolane; 2,2-Dimethyl-1,3-Dioxolane-4-Methanol.

ESPECIFICATION:

DETERMINATION	LIMITS	SOLVAY'S METHOD	REFERENCE DOCUMENT
APPEARANCE	Clear Liquid	NA – 1863	ASTM D-2090
PURITY*, (wt.%), MIN.	99.50	NA – 1864	SOLVAY
SPECIFIC GRAVITY 20/20°C	1.0670 – 1.0710	NA – 1862	ASTM D-4052
COLOR, (Pt-Co), MAX.	10	NA – 1861	ASTM D-1209
ACIDTY AS ACETIC ACID, (wt.%), MAX.	0.0200	NA – 1859	ASTM D-1613
WATER, (wt.%), MAX.	0.100	NA – 1860	ASTM D-1364

* Purity: Isopropylidene Glycerol + Isomer (2,2-Dimethyl-5-Hydroxy-1,3-Dioxane; typical content: 1.4%)

GENERAL CHARACTERISTICS:

AUGEO® CLEAN MULTI is a colorless and clear liquid, non-corrosive, low volatility and low toxicity, slight odor. It is miscible in common organic solvents and water.

MAIN APPLICATIONS:

AUGEO® CLEAN MULTI is a solvent from a renewable source developed for surface care segment into homecare and industrial & institutional markets, the main applications are multipurpose cleaners, waxes, polishes and polish removers, degreasers, glass cleaners and specialty cleaners. It is also applied as a diluent and carrier for fragrance and in the personal care segment.

AUGEO® CLEAN MULTI is a ketal and presents good stability in neutral and alkaline pH, in aqueous and non-aqueous solutions at any temperature.
However, it cannot be manipulated in acid step of process in presence of water or in acidic aqueous formulations, because it can degrade under these conditions.

PROPERTIES:

- Boiling range at 760 mmHg (ºC) ..... 183 - 191

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• Freezing point (ºC)	.....	-99.0
• Liquid density 20/20°C	.....	1.069
• Solubility at 20°C	In water.....	Complete
	Water in.....	Complete
• Kauri-butanol value	.....	>500
• Evaporation rate (n-butyl acetate = 100)	.....	2.7
• MIR(1) (Maximum Incremental Reactivity)	g O3 /g VOC.....	2.01
• Flash point (ºC)	Closed cup.....	91.0
	Open cup.....	100.0
• Viscosity at 20°C (cPs)	.....	11

(1) Potential ozone formation catalyzed by sunlight

PACKAGING:

	CODE
Product in bulk	121480
Product in IBC (1050 Kg) - Europe	175663
Product in drums (210 Kg)	121504
Product in drums (210 Kg) - Europe	175664
Product in drums (210 Kg) - China	174008
Product in drums (210 Kg) - Korea	174009

SHELF LIFE:

The expiration date is 24 months from the manufacture date, defined through laboratories studies. External factors may influence the date described. Solvay is not responsible for the observance of the necessary conditions for the maintenance of the expiration date after the delivery of the product to the acquirer.
It's recommended the full compliance with the storage conditions indicated in the "Safety Data Sheet".

SALES:

AUGEO® CLEAN MULTI is directly commercialized by Solvay to orders of bulk, 210 Kg drums and 1050 kg containers.

TRANSPORTATION, STORAGE AND SAFETY INSTRUCTIONS:

Please consult our "Safety Data Sheet".
The information contained in this document is supplied in good faith. However, it is purely given as an indication. It shall not be considered in any way as a formal commitment or warranty on our part, notably in respect of the possible infringement of any rights of third parties which may be caused through use of our product.

TECHNICAL ASSISTANCE AND DEVELOPMENT:

The technical staff of **Solvay** are at your disposal to give more information about this product.
This specialized staff works with a technically advanced laboratory for the development of solvent systems.

All the information contained in this document is supplied in good faith and is based on our current knowledge. They are only indicative and do not in any way, configure responsibility for infractions or damages to third person due to the use of our products. We guarantee that our products fully comply with our commercial specifications
This information does not have to be used as a replacement to the necessary previous tests in order to ensure that the product is adjusted for the intended application. The users are responsible for assuring the fulfillment of the local laws and for the certificates and authorizations required. We request the users to verify if they have the latest available version of this document and we are pleased to deliver additional information whenever needed.

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