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Isobutyraldehyde

Product Description

Isobutyraldehyde is a clear, colorless liquid with a strong, pungent aldehyde odor. It is a highly reactive organic compound used widely as an intermediate in chemical manufacturing, for example agricultural chemicals, resins, and pharmaceutical ingredients. Its highly reactive functional aldehyde group provides strong reactivity in oxidation, reduction, condensation, and polymerization processes, making it valuable in multiple chemical-production pathways.

Delivery Forms

Liquid in bulk containers



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Sales Specification

Characteristics	Unit	Specification	Analytical Method
Color	Hazen	Max. 15	ISO 2211 / ASTM D1209
Purity (as water free)	%	Min. 99.0	ISO 2718 (GC)
Water content	wt.%	0.8-1.5	ISO 2718 (GC)
Acidity (as isobutyric acid)	%	Max. 0.5	ISO 2718 (GC)

General Characteristics

Characteristics	Unit	Typical Value[1]
Density at 25.8°C	kg/m^3	780
Appearance		Clear colorless liquid

1. Typical values are for information only and not part of sales specification

Regulatory Information

The substance is EU Reach registered as a transported isolated intermediate that requires handling according to strictly controlled conditions. The users of substance must confirm that they can handle the substance under strictly controlled conditions (SCC).

Handling and Storage

Handle and store only under strictly controlled conditions in accordance with Regulation (EC) No. 1907/2006, Art. 18 (4). For details, please see the safety data sheet.

HS No.: 2912 19
CAS No.: 78-84-2
EU REACH registration No.: 01-2119456807-27

Effective date: February 25, 2026

USERS ARE ADVISED TO MAKE THEIR OWN INDEPENDENT DETERMINATION OF THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE. EXCEPT FOR WHAT IS STATED IN PERSTORP'S GENERAL CONDITIONS OF SALE OR SEPARATELY IN A WRITTEN CONTRACT WITH PERSTORP, NO INFORMATION PROVIDED IN THIS DATA SHEET CONSTITUTES A WARRANTY (EXPRESS OR IMPLIED) BY PERSTORP, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.