

# Propionic Acid

## Product Description

Propionic Acid is a high purity carboxylic acid. It is a clear colorless liquid with a pungent odor. Chemical intermediate and functional feed additive.

## Segment Applications

Functional feed additive 1k280 (preservatives, silage additive), Mold inhibition, Propionate salts and Flavors & fragrances.

## Delivery Forms

Bulk (iso-tanks)

IBC (1000 kg)

Drum (205 kg)



Propionic Acid (PRA) largely used as grain preservation.

# Propionic Acid

## Sales Specification

Characteristics	Unit	Specification	Analytical Method
Color	Hazen	Max. 10	ISO 2211/ASTM D 1209
Purity (as water-free)	%	Min. 99.5	ISO 2718 (GC)
Water content	wt. %	Max. 0.10	ASTM E 1064

## Handling and Storage

Handle, use and store according to the safety data sheet and exposure scenario(s). For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organizational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections. The simultaneous use of different organic acids or their salts is contraindicated where one or more of them is used at or near the maximum permitted content.

For safe storage, keep container tightly closed when not in use. Perstorp recommends storing Propionic Acid in stainless steel at ambient temperature. When stored as recommended, storage temperatures up to 40°C should present no problem. Polyethylene containers can be used for temporary storage.

## Regulatory information

Feed additive according to (EC) No 1222/2013, (EC) No 305/2014 and EU 2022/415.

Fulfills Regulation (EC) No 183/2005 regulation and Directive 2002/32/EC FAMI-QS certified manufacturing unit.

EU REACH registered.

CAS No.: 79-09-4

HS No.: 2915 50

EC (EINECS) No: 201-176-3

Effective date: June 20, 2023

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.