PRODUCT INFO
& DATASHEET

SICOPHOS® - L59
Phosphoric Acid 59% H3PO4 (w/w) / min. 42.7% P2O5 (w/w)
Liquid Fertiliser Grade (IMO 8 – UN 1805 – III)
Origin: EU

update 10/2026

Formula:	H3PO4
CAS no.	7664-38-2
EINECS no.	231-633-2
Brand name:	SICOPHOS- L59
Chemical name:	Phosphoric Acid 59% liquid

1/ PRODUCT DESCRIPTION
SICOPHOS- L59 is a liquid fertiliser grade phosphoric acid 59% H3PO4 and an efficient source of phosphorus for plants, providing 427 g/kg of readily available P2O5.
SICOPHOS- L59 is also used to adjust the pH of nutrient solutions and to remove lime sediments.

2/ PRODUCT SPECIFICATIONS
**** Chemical Composition***

Phosphorus Pentoxide (P2O5)	> 42.7% w/w (> 60.6% w/v)
Phosphoric Acid (H3PO4)	59% w/w (83.7% w/v)

**** Physical Properties***

Appearance:	colourless liquid
Density:	1.42 +/- 0.02 kg/L
pH:	< 1
Crystallization temperature:	-20° C

3/ ADVANTAGES
* Free of chloride, sodium and other detrimental elements for plants.
* Free of insoluble matter.
* Highly concentrated phosphoric fertiliser.
* Ideal for the production of nutrient solutions.

4/ APPLICATIONS
* Fertigation of greenhouse crops, open field crops and fruit trees.
* Production of nutrient solutions.
* Removal of lime sediments from irrigation laterals and drippers.

5/ PACKING
a/ Packed in 250 kg drums x 4 = 1000 kg per pallet, 20 pallets = 20 MT/20' fcl
b/ Packed in 25 kg cans, can put 800 kg on one pallet, 20 pallets = 16 MT/20' fcl

6/ SHELF LIFE
min. 2 years, if properly stored, dry & away from direct sunlight

[1] *Tolerances according to the Fertiliser Product Regulation "FPR" (EU 2019/1009).*

Methods of sampling and of analysis and analysis tolerances & deviations allowed as per E.C. regulations.
https://eur-lex.europa.eu/resource.html?uri=cellar:afaa9799-bcff-486f-8c45-d51052c754bf.0004.01/DOC_84&format=PDF

The E.C. methods of sampling & analysis, allowed tolerances & regulations etc. can be found on internet
https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32019R1009
Also tolerances on analysis are as per regulation (EC) nr. 2003/2003 of the European Parliament and of the Council of 13 October 2003 relating to fertilisers

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