

33. 황산칼륨

(1) potassium sulphate, as K₂O, at regional storehouse

Reference function	information
Name	potassium sulphate, as K ₂ O, at regional storehouse
Unit	kg
Category	agricultural means of production
Subcategory	mineral fertiliser
Amount	1
Included processes	The unit process inventory takes into account the production of potassium sulphate from potassium chloride and sulphuric acid. Transports of raw materials and intermediate products to the fertiliser plant as well as the transport of the fertiliser product from the factory to the regional department store were included. Production and waste treatment of catalysts, coating and packaging of the final fertiliser products were not included. Infrastructure was included by means of a proxy module.
General comment	Refers to 1 kg K ₂ O, resp. 2.00 kg potassium sulphate with a K ₂ O-content of 50.0%
Infrastructure included	Yes
Dataset relates to product	Yes
Geography	According to the reference used for this inventory, the European average is derived from mean values of several fertiliser plants within Europe. The production of raw materials and/or intermediates outside Europe was taken into account by considering the production technology in the respective country and the relative import shares.
Technology	Production inventory was derived from detailed literature studies and specifications from the manufacturer, relevant for the European production. Transport specifications of the fertiliser product to the regional department store, which were not included in the reference used for this inventory, were complemented by data given in Patyk & Reinhardt (1997).
Start year	1999
End year	1999