4. 규산

(1) fluosilicic acid, 22% in H2O, at plant

Reference function	information
Name	fluosilicic acid, 22% in H2O, at plant
Unit	kg
Category	chemicals
Subcategory	inorganics
Amount	1
Included processes	Fluosilic aicd production as by-product from wet phosphate rock with the dihydrate process in the United States (Florida) and from dry phosphate rock with the dihydrate process in Morocco.
General comment	Only fluosilic acid production as by-product of phosphoric aicd dihydrate process considered. Share of production accounted for RER mix approximated with production share in North America (main production in Flodida) and Africa (main production in Morocco). No data of other countries considered. No data of other production processes as e.g. from hydrofluoric acid considered.
Infrastructure included	Yes
Dataset relates to product	Yes
Geography	No data available. Data estimated. Only data of fluoslic acid production as by-product in phosphoric acid production in the United States. (Florida) and Morocco considered. Data from processes in Florida and Morocco applied for the production mix for europe. Therefore high uncertainity.
Technology	Data refers only on production of fluosilic acid by-product from the phosphoric acid production by the dihydrate process in Florida and Morocco. No further technologies included.
Start year	1998
End year	1999

구분	내용
DB명	규산
단위	unit
카테고리	화학물질
보조카테고리	무기물
양	1
포함된 과정	규산 생산은 젖은 인회암(인광)으로부터 생산하는 미국공정과 건조 인회암으로부터 생산하는 모로코 공정의 부산물이다.
일반적 논평	수산화인산을 규산으로 만드는 공정. 유럽의 총량을 근사치에 가깝게 하였고, 플로리다와 모로코를 참고함. 다른 나라의 데이터는 고려하지 않음.
기반시설 포함	포함
데이터시트와 제품의 연관성	있음
지역	데이터는 문헌과 한 곳의 기업 데이터를 이용
기술	미국 플로리다와 모로코에서 생산하는 규산생산 공정만 참고
시간연도	1998
마지막연도	1998
탄소원단위	9.291E-01 kgCO2-eq/kg