

VAPOR PRESSURE

TEST SUBSTANCE

Identity: Perfluorooctanesulfonate; may also be referred to as PFOS or FC-95. (1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, potassium salt, CAS # 2795-39-3)

Remarks: The test substance is a white powder. Sample was taken from 3M lot number 217. Sample was stored under ambient conditions prior to testing. Purity determined to be 90.49% by LC/MS, ^1H -HMR, ^{19}F -NMR and elemental analyses techniques.

METHOD

Method: OECD 104, U.S. EPA OPPTS 830.7950

GLP (Y/N): Yes

Year completed: 1999

Remarks: Determination of the vapour pressure was done by using the Spinning Rotor Gauge method.

RESULTS

Vapor Pressure: 3.31×10^{-4} Pa

Temperature °C: 20°C

Decomposition (yes/no/ambiguous): No

Remarks: The measured vapour pressure was repeatable.

CONCLUSIONS

Remarks: The vapor pressure of the test substance was determined to be 3.31×10^{-4} Pa at 20°C using the spinning rotor gauge method.

Submitter: 3M Company, Environmental Laboratory, P.O. Box 33331, St. Paul, Minnesota, 55133

DATA QUALITY

Reliability: Klimisch ranking 1.

REFERENCES

Study conducted at the request of 3M Company by Wildlife International, Ltd. of Easton, Maryland.

OTHER

Last changed: 5/3/00