

CIPAC STATUS REPORT

13/06/2005

Na ClO₃

0007 Sodium chlorate

Allocated to GB

CIPAC method published in :

CIPAC 1, p. 626 (titr.)
E, p. 197

CIPAC 14th meeting, June 1970 in Gembloux

Comments

from GB : Collaborative work on the effects of fire depressants is still in progress.

From 1624 (Mr. Cripps' report) : For the determination of the effectiveness of fire depressant additive, the use of candlewick has been abandoned. An alternative test using standard filter paper is being tried.

CIPAC 15th meeting, October 1971 in Washington

Mr. Cripps, Chairman of the Herbicide Subcommittee, reported as Expert Witness, that they have developed a Fire Retardant Test (CIPAC 1754). It remains to determine the fire retardant properties of a number of additives used commercially. NaCl has little or no retardant action. ZnCl₂ enhances the flammability. Dr. Weinmann pointed out that in Germany it was shown that at least 25 % of NaCl is needed for avoiding fire and explosion hazards.

Decision Work to be continued on fire retardants.

CIPAC 16th meeting, June 1972 in Stockholm

Mr. Cripps, Expert Witness, reported the work carried out by the Sodium Chlorate Group. He pointed out that there are two distinct hazards problems:

Hazards in transport of sodium chlorate and its formulations: use of fire depressants. The group is not carrying out any investigations on these hazards. Regulations and rules are specified on this subject.

Fire hazards of treated vegetation and clothing, onto sodium chlorate has been spilt: ignition test. Collaborative work on such a test has been carried out. The test is reproducible.

Dr. Weinmann pointed out that Germany has already studied the hazards problems occurring with sodium chlorate and will report to the GB Panel. He said that sodium chlorate is less important at present in his country.

CIPAC 17th meeting, June 1973 in Wageningen

Mr. Cripps, Expert Witness, presented the report 1975 on an ignition test for estimating the hazard of ignition of vegetation and fabrics. A final report on this test is being written. In this report, a test for explosion hazards will be included, although no collaborative work is being carried out.

Decision The ignition test supported by the report 1975 is adopted as provisional method to be included in CIPAC 1A.

CIPAC 18th meeting, June 1974 in London

Decision. Ignition test adopted as provisional method. Method and report to be circulated.

CIPAC 19th meeting, June 1975 in Oeiras

Work on fire depressants in progress.