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Nickel chloride

EINECS No. 231-743-0 CAS No. 7718-54-9

The purpose of the **Pre-SIEF** is for REACH Pre-Registrants to agree on **sameness** of substance.

Pre-Registrants that can agree that they have the same substance will then pass into the Substance Information Exchange Forum (SIEF) for this substance, where the data-sharing dialogue begins.

Pre-Registrants that consider they do not have the same substance will be grouped together by the Pre-SIEF Facilitator for further discussion and potential entry into sub-SIEFs or another SIEF.

Please check that your pre-registered substance matches with the following description:

CAS No.:	7718-54-9
EINECS No.:	231-743-0
EINECS Name:	nickel dichloride
Synonyms:	nickel (2+) chloride; nickel (II) chloride; nickel chloride (1:2); nickelous chloride
Molecular formula:	NiCl ₂
Structural formula:	Cl – Ni – Cl
Molecular weight:	129.5994

There are two entries for nickel chloride in EINECS. Only one of these (231-743-0) is included in the fourth list of priority substances (EC, 2000b) under Council Regulation (EEC) 793/93 (EEC, 1993).

The second entry in EINECS is for nickel chloride, CAS No. 37211-05-5, EC No. 253-399-0. There is no reference in EINECS to its valance state. According to Eramet (2002a), this substance is a nickel compound in valance state 1+, is not chemically stable, and is not commercially available. A third substance, nickel chloride, NiCl, CAS No. 13931-83-4, also with valance state 1+, is not included in EINECS. **These nickel(I) chloride compounds are not covered by the risk assessment.**

You will shortly receive an E-mail for you to take part in the '**Substance Sameness Survey**'. Your response to that survey will be your participation in the Pre-SIEF 'sameness' discussion.