HBCD@1,2,5,6,9,10-hexabromocyclodecane@HBCDD

IDENTIFICATION NUMBERS

- **CAS:** 3194-55-6
- **EC/EINECS:** 221-695-9

MORE INFORMATION

- **Molecular Formula:** C12H18Br6
- **Synonyms:** hexabromociclodecano

USES

flame retardant

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS08

Respiratory sensitisation

Signal word: **Warning**

H Phrases

H361 : Suspected of damaging fertility or the unborn child

Repr. (Cat. 2) : Reproductive toxicity

H362 : May cause harm to breast-fed children

Lact. : Reproductive toxicity

Specific health risks

Prohibited for breastfeeding workers

Substances prohibited for breastfeeding workers

Reproductive toxicants

Substances classified as toxic for reproduction under Regulation 1272/2008

Specific environmental risks

Persistent bioaccumulative and toxic

Substances identified as Persistent, Bioaccumulative and Toxic (PBT) according to the criteria of Annex XIII of the REACH Regulation. They pose a special risk of accumulation in the environment and in the food chain.

SOURCES

REACH

LINK

http://echa.europa.eu/documents/10162/2bbe3f6b-4ef6-4586-b4bc-66f9a6c7a894

Persistent organic pollutants

Substances identified as persistent organic pollutants

POP

D

Restriction/prohibition regulations

Substances subject to REACH authorization

Substances listed in Annex XIV of the REACH Regulation, subject to the prior authorisation scheme. To use them after the sunset date, companies must obtain authorisation from ECHA, demonstrating adequate risk control or the absence of viable alternatives.

REACH Candidates

Substances of Very High Concern (SVHC) identified by ECHA and included on the REACH Candidate List. These are substances with CMR, PBT, vPvB or endocrine disrupting properties liable to be included in Annex XIV (authorisation). Their inclusion generates notification obligations for articles containing them.

Substances under PACT evaluation

Substances under active regulatory monitoring through ECHA's PACT (Public Activities Coordination Tool). Allows tracking which regulatory authorities are examining a substance and what potential regulatory actions are being considered (restriction, SVHC identification, harmonised classification, etc.).