

# SHORT-CHAIN CHLORINATED PARAFFINS

(SCCPs)

CAS NUMBER 85535-84-8



## WHAT ARE SCCPs?



SCCPs are short-chain chlorinated paraffin mixtures that are viscous, colourless or yellowish dense oils.



## USES

- Primarily in metalworking applications and polyvinyl chloride (PVC) plastics processing
- Also used as plasticizer and flame retardant in materials such as paints, adhesives and sealants, rubber and textiles.



## EFFECTS ON HUMAN HEALTH AND THE ENVIRONMENT



- Highly toxic to aquatic organisms
- Endocrine disruptor
- Can affect the liver, thyroid hormone system and kidneys
- Suspected of causing cancer

## THE STOCKHOLM CONVENTION ON PERSISTENT ORGANIC POLLUTANTS

The Stockholm Convention is an international agreement whose objective is to protect human health and the environment from persistent organic pollutants (POPs).

POPs are known as forever chemicals as they remain intact within the environment for long periods of time, distribute widely geographically, bioaccumulate in humans and wildlife, and have harmful effects on human health and the environment.

## LISTING IN THE STOCKHOLM CONVENTION

SCCPs were added under Annex A in the Convention by Decision SC-8/11 at COP-8 in 2017. This listing means that the use and manufacture of dicofol should be eliminated by all signatories without exemption. An amendment was made to allow specific exemptions to the use of SCCPs such as metal processing, adhesives and waterproofing and fire-retardant paints.



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