



Risk Management Strategy for four new fluorotelomer based substances

Consultation meeting on
PFCA Action Plan
February 2006



Overview

Need for Action
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Considerations
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Proposed Risk Management Actions
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Need for Action

Assessment of four new fluorotelomer based substances notified under New Substances Notification Regulations

Concerns:

Sources of long-chain PFCAs : persistent, bioaccumulative, adverse effects, increasing concentrations in Arctic mammals.

Decision:

Temporary prohibition imposed on these substances; expires after two years unless a regulation is proposed

Exposure Sources

- Application to materials and surfaces:
 - Paints and coatings
 - Repellents applied to carpets, paper, packaging, textiles
- Material Lifetime:
 - Unintended unreacted residuals contained in substances
 - Washing of fabrics, use and cleaning of carpets, paints and coatings
- Material Disposal:
 - End of life disposal
 - Unused product in spray cans
- Long Range Transport

Considerations

- Proactive and preventative approach to control new substances
- No known controls elsewhere but considerable attention and activity in many jurisdictions
- Cost effective alternatives appear to be available

Proposed Objectives

Environmental Objective:

Prevent to the extent possible further increases in levels of PFCAs in the environment from new sources

Risk Management Objective:

Eliminate a potential new source of long chain PFCAs by prohibiting importation and manufacture

Proposed Risk Management Actions

Manufacture and Import:

- Amend existing *Prohibition of Certain Toxic Substances Regulations* to list four notified fluorotelomer based substances in Regulations
- Listing on Schedule 1 of CEPA 1999 also required

Import of Manufactured Items:

- In the short term, exclude manufactured items from prohibition
 - Consistent with temporary prohibition and scope of New Substances Program
- Promote and pursue internationally coordinated actions
 - Will indirectly address manufactured items

Prohibition of Certain Toxic Substances Regulations - Overview

- Regulations include different categories of prohibitions:
 - Schedule 1 Substances : Total prohibition, excluding incidental presence
 - Schedule 2, Part 1 Substances : Concentration limit in product
 - Schedule 2, Part 2 Substances : Permitted uses

Next Steps

- Draft proposed amendments to *Prohibition of Certain Toxic Substances Regulations*
- Publication of proposed amendments in *Canada Gazette* by June 2006
- Concurrent publication of Notice of Intent outlining main elements of PFCA Action Plan
- Official 60 day comment period following publication of proposed amendments