



26 August 2025

Chemical profile

1,3-Propanediamine, N-[3-(C₁₁₋₁₄-isoalkyloxy)propyl]derivs., C₁₃-rich, acetates (Lilafлот 817M)

Summary

- Lilafлот 817M is used as a flotation agent in industrial mining facilities.
- For this use the chemical poses a low risk to the environment.
- The chemical is a priority for scheduling due to its high-volume usage in Australia.

Chemical identity

The chemical is an unknown variable composition or biological (UVCB) substance and is known by its trade name, Lilafлот 817M. Lilafлот 817M is composed of alkylamines, typically at a concentration of approximately 60% of the mixture. The chemical is a member of a chemical class known as etherdiamines.

- **Chemical name:** 1,3-Propanediamine, N-[3-(C₁₁₋₁₄-isoalkyloxy)propyl]derivs., C₁₃-rich, acetates
- **CAS registry number:** 151789-08-1
- **Synonyms:** Lilafлот 817M

Hazards and risks to the environment

The chemical, Lilafлот 817M, was assessed for environmental risk by the Australian Industrial Chemical Introduction Scheme (AICIS) in 2021. The chemical is categorised as not persistent (nP), as not bioaccumulative (nB), but is categorised as toxic (T) according to [Australian Environmental Criteria for Persistent, Bioaccumulative and/or Toxic Chemicals](#).

The chemical is not released into the environment under normal conditions of use.

The AICIS assessment concluded the current industrial use of this chemical in Australia is not expected to pose a significant risk to the environment.

Introduction and use of Lilafлот 817M in Australia

The chemical is used as a flotation agent in ore processing that occurs at industrial mining facilities. The chemical has a use volume of approximately two hundred tonnes per year in Australia.

References

AICIS (2021). 1,3-Propanediamine, *N*-[3-(C₁₁₋₁₄-isoalkyloxy)propyl] derivs., C₁₃-rich, acetates, [Assessment Statement \[CA09351\]](#), 26 May 2021, Australian Industrial Chemicals Introduction Scheme.

More information

Email ichems.enquiry@dcceew.gov.au

Web <https://www.dcceew.gov.au/environment/protection/chemicals-management/national-standard>