

Safety Data Sheet

Material Name: docosan-1-ol

Catalog Number: 81200001

CAS Number: 661-19-8

Company Information

Name: SLP Pharma co.

Address: www.slppharma.com

Email: info@slppharma.com

1. Hazards Identification

GHS Classification

Note: This chemical does not meet GHS hazard criteria for 79.6% (425 of 534) of all reports. Pictograms displayed are for 20.4% (109 of 534) of reports that indicate hazard statements.

Signal: Warning

GHS Hazard Statements: H319 (16.1%): Causes serious eye irritation [Warning Serious eye damage/eye irritation]

GHS Hazard Statements: H400 (12%): Very toxic to aquatic life [Warning Hazardous to the aquatic environment, acute hazard]

Precautionary Statement Codes: P264+P265, P273, P280, P305+P351+P338, P337+P317, P391, and P501

Precautionary Statement Codes: (The corresponding statement to each P-code can be found at the GHS Classification page.)

ECHA C&L Notifications Summary: Aggregated GHS information provided per 534 reports by companies from 9 notifications to the ECHA C&L Inventory. Each notification may be associated with multiple companies.

ECHA C&L Notifications Summary: Reported as not meeting GHS hazard criteria per 425 of 534 reports by companies.

ECHA C&L Notifications Summary: There are 8 notifications provided by 109 of 534 reports by companies with hazard statement code(s).

ECHA C&L Notifications Summary: Information may vary between notifications depending on impurities, additives, and other factors. The percentage value in parenthesis indicates the notified classification ratio from companies that provide hazard codes. Only hazard codes with percentage values above 10% are shown. For more detailed information, please visit ECHA C&L website.

Hazard Classes and Categories

N/A: Eye Irrit. 2 (16.1%)

N/A: Aquatic Acute 1 (12%)

EPA Safer Chemical

EPA Safer Chemical: Chemical: 1-Docosanol

EPA Safer Chemical: Green circle - The chemical has been verified to be of low concern based on experimental and modeled data.

Hazards Summary

N/A: Aliphatic alcohols are metabolized and eliminated efficiently; Not skin sensitizers; May have low-grade liver effects; CNS depression seen in shorter chain alcohols, e.g., 1-hexanol and 1-octanol; [Reference #1] May cause irritation; [MSDSonline]

2. Accidental Release Measures

Disposal Methods

N/A: SRP: The most favorable course of action is to use an alternative chemical product with less inherent propensity for occupational exposure or environmental contamination. Recycle any unused portion of the material for its approved use or return it to the manufacturer or supplier. Ultimate disposal of the chemical must consider: the material's impact on air quality; potential migration in soil or water; effects on animal, aquatic, and plant life; and conformance with environmental an...

3. Handling and Storage

Storage Conditions

N/A: Store at or below 25 °C (77 °F). Protect from freezing.

4. Regulatory Information

The Australian Inventory of Industrial Chemicals: Chemical: 1-Docosanol

REACH Registered Substance: Status: Active Update: 17-05-2023
<https://echa.europa.eu/registration-dossier/-/registered-dossier/14378>

New Zealand EPA Inventory of Chemical Status: 1-Docosanol: Does not have an individual approval but may be used under an appropriate group standard

FDA Requirements



N/A: The Approved Drug Products with Therapeutic Equivalence Evaluations List identifies currently marketed over-the-counter drug products, incl docosanol, approved on the basis of safety and effectiveness by FDA under sections 505 of the Federal Food, Drug, and Cosmetic Act.

5. Other Safety Information

Chemical Assessment: IMAP assessments - 1-Docosanol: Human health tier I assessment

Special Reports

N/A: Leung DT, Sacks SL; Docosanol: A Topical Antiviral for Herpes Labialis; Expert Opin Pharmacother 5 (12): 2567-71 (2004)
