



# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>Taltz®</b>		
<b>Other means of identification</b>			
<b>Item Code</b>	PS1406, PS1452, PS1451, QA740L, PS1406, 702092, 702093, CT5190, PS8895, PS8880, 701711, 701710, PS1449, PS1448, PS1445, PS7724, 520047, 517421, ZD1445, ZD7724, PS1439, CT9557		
<b>Synonyms</b>	LY2439821 formulation		
<b>LY Number</b>	LY2439821		
<b>Recommended use</b>	Pharmaceutical		
<b>Recommended restrictions</b>	None known.		
<b>Manufacturer/Importer/Supplier/Distributor information</b>			
<b>Manufacturer</b>			
<b>Company name</b>	Eli Lilly and Company		
<b>Address</b>	Lilly Corporate Center Indianapolis, IN 46285 United States		
<b>Telephone</b>	Phone:	+1-317-276-2000	
<b>E-mail</b>	lilly_sds@lilly.com		
<b>Emergency phone number</b>	CHEMTREC:	+1-800-424-9300	

## 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement</b>	The mixture does not meet the criteria for classification.
<b>Precautionary statement</b>	
<b>Prevention</b>	Not available.
<b>Response</b>	Not available.
<b>Storage</b>	Not available.
<b>Disposal</b>	Not available.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Ixekizumab			7.63 - 12

**Composition comments** Remaining components of this product are non-hazardous and/or are present at concentrations below reportable levels.

## 4. First-aid measures

<b>Inhalation</b>	Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed** This substance is a monoclonal antibody. Based on the biophysical properties and absorption characteristics of monoclonal antibodies, this substance/preparation is considered unlikely to produce health effects through relevant routes of occupational exposures.

**Indication of immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically.

## 5. Fire-fighting measures

**Suitable extinguishing media** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media** Not available.

**Specific hazards arising from the chemical** Not applicable.

**Special protective equipment and precautions for firefighters** Wear suitable protective equipment.

**General fire hazards** This product is an aqueous mixture which will not burn.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Avoid inhalation of mists or aerosols.

**Methods and materials for containment and cleaning up** Prevent runoff from entering drains, sewers, or streams. Use absorbent/adsorbent material to solidify liquids. Clean up promptly by sweeping or vacuum. See Section 8 of the SDS for Personal Protective Equipment.

**Environmental precautions** No specific precautions.

## 7. Handling and storage

**Precautions for safe handling** Not available.

**Conditions for safe storage, including any incompatibilities** Keep container tightly closed in a dry and well-ventilated place.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### Lilly (LEG)

#### Components

	Type	Value
Ixekezumab	TWA (12hrs)	250 ug/m3
	TWA (8hrs)	380 ug/m3

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Exposure guidelines** Health Based Excursion Limit: Maintain Full Shift TWA

**Appropriate engineering controls** Contained handling practices preferred. If open handling is necessary, use control measures (i.e. ventilated enclosure, local exhaust ventilation) to maintain airborne levels below the occupational exposure level (OEL).

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Safety glasses with side shields recommended. If splash potential or dusty operations, wear goggles/faceshield.

#### Skin protection

**Hand protection** Chemical resistant gloves.

#### Other

While monoclonal antibodies are not anticipated to be readily absorbed through the skin, wear impervious gloves and body covering (i.e. lab coat) to minimize skin contact.

**Respiratory protection** Not required under normal conditions for liquid handling activities. If handling powder forms, consider appropriate respiratory protection to maintain exposure levels below occupational exposure level (OEL).

**General hygiene considerations** Engineering controls should be used as the primary means to control workplace exposures. Follow good workplace hygiene practices such as washing hands after handling this material.

This substance is a monoclonal antibody. Based on the biophysical properties and absorption characteristics of monoclonal antibodies, oral and dermal routes of exposure are not considered occupationally relevant and potential bioavailability through inhalation is minimal. (drug substance)

## 9. Physical and chemical properties

### Appearance

**Physical state** Liquid.

**Form** Liquid.

**Color** Colorless

**Odor** Odorless

**Odor threshold** Not available.

**pH** 5.7

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** Not available.

**Flash point** Not available.

**Evaporation rate** Not available.

**Flammability (solid, gas)** This product is an aqueous mixture which will not burn.

### Upper/lower flammability or explosive limits

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** Not available.

**Vapor density** Not available.

**Relative density** Not available.

### Solubility(ies)

**Solubility (water)** Soluble

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** Not available.

### Other information

**Explosive properties** Not explosive.

**Oxidizing properties** The substance or mixture is not classified as oxidizing.

## 10. Stability and reactivity

**Reactivity** Not water reactive.

**Chemical stability** Material is stable under normal conditions.

**Possibility of hazardous reactions** Hazardous polymerization does not occur.

**Conditions to avoid** None under normal conditions.

**Incompatible materials** Strong oxidizing agents.

**Hazardous decomposition products** No hazardous decomposition products are known.

## 11. Toxicological information

### Information on toxicological effects

**Acute toxicity** Due to lack of data the classification is not possible.

**Skin corrosion/irritation** Due to lack of data the classification is not possible.

**Serious eye damage/eye irritation** Due to lack of data the classification is not possible.

## Respiratory or skin sensitization

**Respiratory sensitization** Due to lack of data the classification is not possible.

**Skin sensitization** Due to lack of data the classification is not possible.

**Germ cell mutagenicity** This substance is a monoclonal antibody. It does not possess mutagenic potential. Mutagenicity testing has not been conducted. (drug substance)

**Carcinogenicity** Not listed by IARC, NTP, ACGIH or OSHA.  
Due to lack of data the classification is not possible.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

### US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

**Reproductive toxicity** Animal studies did not report any adverse effects on reproductive tissues, fertility, or embryo/fetal development. (Weekly dosing) (drug substance)  
Based on available data, the classification criteria are not met.

**Specific target organ toxicity - single exposure** Due to lack of data the classification is not possible.

**Specific target organ toxicity - repeated exposure** Except for injection site reactions, no treatment-related adverse effects have been reported in monkeys administered once-weekly subcutaneous doses for up to 39 weeks. (drug substance)  
Based on available data, the classification criteria are not met.

**Aspiration hazard** Not applicable.

**Further information** This substance is a monoclonal antibody. Based on the biophysical properties and absorption characteristics of monoclonal antibodies, oral and dermal routes of exposure are not considered occupationally relevant and potential bioavailability through inhalation is minimal. (drug substance)

## 12. Ecological information

**Ecotoxicity** Not expected to be harmful to aquatic organisms.

**Persistence and degradability** Not available.

**Bioaccumulative potential** Not available.

**Mobility in soil** Not available.

**Other adverse effects** Not available.

## 13. Disposal considerations

**Disposal instructions** Dispose in accordance with all applicable regulations.

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

## 15. Regulatory information

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### Toxic Substances Control Act (TSCA)

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision****Issue date** 03-23-2016**Revision date** 05-13-2021**Version #** 09**List of abbreviations**

CEN: European Committee for Standardization.  
 DOT: Department of Transportation.  
 IARC: International Agency for Research on Cancer.  
 IATA: International Air Transport Association.  
 IBC: Intermediate Bulk Container.  
 IMDG: International Maritime Dangerous Goods.  
 LEG: Lilly Exposure Guideline.  
 MARPOL: International Convention for the Prevention of Pollution from Ships.  
 NIOSH: National Institute for Occupational Safety & Health.  
 NTP: National Toxicology Program.  
 OSHA: Occupational Safety & Health Administration.  
 RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.  
 TWA: Time Weighted Average Value.

**Disclaimer**

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANT ABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.

For additional information contact:  
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**Revision information**

Product and Company Identification: Synonyms  
 First-aid measures: Indication of immediate medical attention and special treatment needed  
 Toxicological information: Carcinogenicity  
 Other information, including date of preparation or last revision: Disclaimer  
 Other information, including date of preparation or last revision: List of abbreviations