

<b>SAFETY DATA SHEET</b> in accordance with OSHA 29 CFR 1910.1200	
Selsun Blue medicated shampoo - [finished goods in the consumer packaging] Substance key: REG001976 Version:1.0 (United States of America) Revision Date: 08-12-2024	

## SECTION 1. IDENTIFICATION

Product name: Selsun Blue medicated shampoo - [finished goods in the consumer packaging]

### Manufacturer or supplier's details

Company : Sanofi

Street address : 46-48 avenue de la Grande-Armée  
(FR) 75017 Paris

Telephone : +33153774000

Telefax : +33153774133

Safety data sheet created by:  
Sanofi Global Product Stewardship (product-stewardship-global@sanofi.com)

Emergency telephone number : + 33 1 45 42 59 59 (ORFILA)

### Recommended use of the chemical and restrictions on use


Recommended use : Drug product for medical use.  
This document, established by Sanofi on a voluntary basis, aims at providing available information on the substances contained in our products and on the related risk management measures.  
This document is intended for use in the workplace and shall not be used in place of package inserts or other prescribing information, nor in place of any mandatory document (e.g SDS within the meaning of the OSHA Regulation).  
Although the information contained in the document has been prepared based on the best of our knowledge and is accurate as of the date shown on the document, such document is provided «as is», without any warranty, either expressed or implied.

## SECTION 2. HAZARDS IDENTIFICATION

### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitisation : Category 1


### GHS label elements

Hazard pictograms : 

Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.

Precautionary statements : **Prevention:**  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P272 Contaminated work clothing must not be allowed out of

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the workplace.  
P280 Wear protective gloves.

**Response:**

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

Physical, chemical and toxicological hazards : Please read the Physicians Desk Reference for detailed pharmacological information.  
Avoid contact with skin and eyes

**Sanofi hazard bands:**

Further information see chapter 16.  
Safety : No data available for mixture.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
Ethylene distearate	627-83-8	>= 1 - < 5
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	61789-40-0	>= 1 - < 5
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts	61791-42-2	>= 1 - < 5
Seleniumdisulfide	7488-56-4	>= 1 - < 5

Actual concentration is withheld as a trade secret

**SECTION 4. FIRST AID MEASURES**

General advice : Move out of dangerous area.  
Take off immediately all contaminated clothing.  
Get immediate medical advice/ attention.

If inhaled : Move to fresh air.  
Get immediate medical advice/ attention.

In case of skin contact : Rinse immediately with plenty of water for at least 15 minutes.  
Get immediate medical advice/ attention.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

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- If swallowed : Get immediate medical advice/ attention.  
: Get immediate medical advice/ attention.  
Do NOT induce vomiting.  
Rinse mouth with water.  
If a person vomits when lying on his back, place him in the recovery position.
- Most important symptoms and effects, both acute and delayed : No information available.  
: No information available.
- Notes to physician : Treat symptomatically.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : Do NOT use water jet.
- Hazardous combustion products : Carbon oxides
- Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : No personal respiratory protective equipment normally required.  
Safety glasses with side-shields  
Wear suitable gloves.  
Wear suitable protective clothing.  
Only qualified personnel equipped with suitable protective equipment may intervene.
- Environmental precautions : Prevent further leakage or spillage.  
Do not let product enter drains.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Sweep up and shovel into suitable containers for disposal.  
Close and label thoroughly.
- Elimination of recovered materials : Deliver to the Environmental service of the factory or to any specialized and approved disposal company.

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded.  
Keep away from sources of ignition - No smoking.

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Advice on safe handling : No special handling advice required.

Further information on storage conditions : Keep tightly closed in a dry and cool place.  
Keep away from direct sunlight.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethylene distearate	627-83-8	TWA (Inhalable particulate matter)	10 mg/m <sup>3</sup>	ACGIH
		TWA (Respirable particulate matter)	3 mg/m <sup>3</sup>	ACGIH
Seleniumdisulfide	7488-56-4	TWA	0.2 mg/m <sup>3</sup> (selenium)	OSHA Z-1
		TWA	0.2 mg/m <sup>3</sup> (selenium)	ACGIH
		TWA	0.2 mg/m <sup>3</sup> (selenium)	OSHA P0
		TWA	0.2 mg/m <sup>3</sup> (selenium)	NIOSH REL

### Personal protective equipment

Respiratory protection : Usually, no respiratory protection required.

Hand protection

Material : Nitrile rubber

Rate of permeability : > 480 min

Glove thickness : > 0.1 mm

Eye protection : Safety glasses with side-shields

Skin and body protection : Wear suitable protective clothing.

Protective measures : Avoid contact with skin and eyes.  
A workplace risk assessment must be carried out in order to determine the correct engineering control measures and personal protective equipment.

Hygiene measures : When using, do not eat, drink or smoke.  
Keep away from foodstuffs and beverages.  
Wash hands before breaks and at the end of workday.

### Laboratory

Respiratory protection : Usually, no respiratory protection required.

Hand protection : Nitrile rubber  
Layer thickness > 0.11 mm.  
Breakthrough time > 480 min.

Eye/face protection : Safety glasses with side protection shield.

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Body Protection : Wear suitable protective clothing.  
Hygiene measures : Wash hands before breaks and at the end of workday.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : solution  
Appearance : liquid  
Colour : blue  
Odour : menthol-like  
Odour Threshold : No data available  
  
pH : 5  
  
Melting point/range : not determined  
  
Boiling point : 181 °F / 83 °C  
  
Flash point : 201 °F / 94 °C  
  
Upper explosion limit / Upper flammability limit : not determined  
  
Lower explosion limit / Lower flammability limit : not determined  
  
Vapour pressure : not determined  
  
Relative vapour density : not determined  
  
Density : 1.03 g/cm<sup>3</sup>  
  
Solubility(ies)  
Water solubility : not determined  
  
Solubility in other solvents : not determined  
  
Partition coefficient: n-octanol/water : not determined

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Ignition temperature : not determined

Auto-ignition temperature : not determined

Decomposition temperature : not determined

Lower explosion limit : not determined

Upper explosion limit : not determined

Minimum ignition energy : not determined

Viscosity

Viscosity, dynamic : not determined

Viscosity, kinematic : not determined

Impact sensitivity : not determined

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#### SECTION 10. STABILITY AND REACTIVITY

Reactivity : None known.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : None known.

Conditions to avoid : None known.

Incompatible materials : None known.

Hazardous decomposition products : In case of fire hazardous decomposition products may be produced such as:  
Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide

**Sanofi Safety Hazard Band Components (Further information see chapter 16.):**

Selsun Blue medicated shampoo  
- [finished goods in the consumer packaging] : No data available for mixture.

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#### SECTION 11. TOXICOLOGICAL INFORMATION

##### Acute toxicity

Product name (CAS-No.)	Test Type	Species	Result	Method, Symptoms	Remarks
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	Acute oral toxicity	Acute toxicity estimate	> 5,000 mg/kg	Method: Calculation method	Source: Calculated
Selsun Blue medicated shampoo	Acute inhalation	Acute toxicity	51 mg/l	Exposure time: 4 h	Source: Calculated

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- [finished goods in the consumer packaging]	toxicity	estimate		Test atmosphere: dust/mist Method: Calculation method	
Product name (CAS-No.)	Test Type	Species	Result	Method, Symptoms	Remarks
Seleniumdisulfide (7488-56-4)	Acute oral toxicity	LD50 (Rat)	300 - 2,000 mg/kg		Source: literature value
Seleniumdisulfide (7488-56-4)	Acute inhalation toxicity	LC50 (Rat)	0.51 mg/l	Exposure time: 4 h Test atmosphere: dust/mist	Source: SDS of Supplier

**Skin corrosion/irritation**


Product name (CAS-No.)	Species	Result	Method, Symptoms	Remarks
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]				No data available for mixture.
Product name (CAS-No.)	Species	Result	Method, Symptoms	Remarks
Ethylene distearate (627-83-8)				No data available
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)		Irritating to skin.		Source: EU. ECHA List of Publishable Substances Registered May be irritating to skin.
Seleniumdisulfide (7488-56-4)	reconstructed human epidermis (RhE)	negative No skin irritation		Source: literature value
Seleniumdisulfide (7488-56-4)		negative No skin irritation	EPISKIN Human Skin Model Test	Source: literature value

**Serious eye damage/eye irritation**

Product name (CAS-No.)	Species	Result	Method, Symptoms	Remarks
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]				No data available for mixture.
Product name (CAS-No.)	Species	Result	Method, Symptoms	Remarks
Ethylene distearate (627-83-8)				No data available
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)		Irritating to eyes.		Source: EU. ECHA List of Publishable Substances Registered Irritating to eyes.
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts (61791-42-2)		Irritating to eyes.		
Seleniumdisulfide (7488-56-4)		No eye irritation	OECD Test Guideline 438	Source: literature value

**Respiratory or skin sensitisation**

Product name (CAS-No.)	Species	Result	Method, Symptoms	Remarks
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Selsun Blue medicated shampoo - [finished goods in the consumer packaging]				No data available for mixture.
Product name (CAS-No.)	Species	Result	Method, Symptoms	Remarks
Ethylene distearate (627-83-8)				No data available
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)		May cause sensitisation by skin contact.		Source: EU. ECHA List of Publishable Substances Registered May cause sensitisation by skin contact.
Seleniumdisulfide (7488-56-4)		Does not cause skin sensitisation.		Source: literature value Experience in use

### Carcinogenicity

- IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
- NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Carcinogenicity/Germ cell mutagenicity/Reproductive toxicity - Assessment

Product name (CAS-No.)	Carcinogenicity	Germ cell mutagenicity	Reproductive toxicity	Remarks
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	not determined	not determined	Reproduction: not determined Teratogenicity: not determined	

### STOT - single exposure

Product name (CAS-No.)	Test Type	Exposure routes	Target Organs	Assessment	Remarks
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	STOT-single exposure				No data available for mixture.
Product name (CAS-No.)	Test Type	Exposure routes	Target Organs	Assessment	Remarks
Ethylene distearate (627-83-8)	STOT-single exposure				No data available
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	STOT-single exposure				No data available
Seleniumdisulfide (7488-56-4)	STOT-single exposure				No data available

### STOT - repeated exposure

Product name (CAS-No.)	Test Type	Exposure routes	Target Organs	Assessment	Remarks
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	STOT - repeated exposure				No data available for mixture.
Product name (CAS-No.)	Test Type	Exposure routes	Target Organs	Assessment	Remarks
Ethylene distearate	STOT - repeated				No data available

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Product name (CAS-No.)	Test Type	Exposure routes	Target Organs	Assessment	Remarks
(627-83-8)	exposure				
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	STOT - repeated exposure				No data available
Seleniumdisulfide (7488-56-4)	STOT - repeated exposure	Ingestion	Liver, Kidney		

**Aspiration toxicity**

Product name (CAS-No.)	Test Type	Result	Remarks
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	Aspiration toxicity	No data available for mixture.	
Product name (CAS-No.)	Test Type	Result	Remarks
Ethylene distearate (627-83-8)	Aspiration toxicity	Not applicable	
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	Aspiration toxicity	No data available	
Seleniumdisulfide (7488-56-4)	Aspiration toxicity	Not applicable	

**11.2 Information on other hazards**

**Endocrine disrupting properties**

Product name (CAS-No.)	Remarks
Ethylene distearate (627-83-8)	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Seleniumdisulfide (7488-56-4)	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Product name (CAS-No.)	Test Type	Species	Result	Method	Remarks
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	Toxicity to fish				No data available for mixture.
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	Toxicity to daphnia and other aquatic invertebrates				No data available for mixture.
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	Toxicity to algae/aquatic plants				No data available for mixture.

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Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	Toxicity to microorganisms				No data available for mixture.
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	Toxicity to soil dwelling organisms				No data available for mixture.

**Components:**

Product name (CAS-No.)	Test Type	Species	Result	Method	Remarks
Ethylene distearate (627-83-8)	Toxicity to fish				No data available
Ethylene distearate (627-83-8)	Toxicity to daphnia and other aquatic invertebrates				No data available
Ethylene distearate (627-83-8)	Toxicity to algae/aquatic plants				No data available
Ethylene distearate (627-83-8)	Toxicity to fish (Chronic toxicity)				No data available
Ethylene distearate (627-83-8)	Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)				No data available
Ethylene distearate (627-83-8)	Toxicity to microorganisms				No data available

Product name (CAS-No.)	Test Type	Species	Result	Method	Remarks
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	Toxicity to fish				Source: EU, ECHA List of Publishable Substances Registered Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	Toxicity to daphnia and other aquatic invertebrates				Source: EU, ECHA List of Publishable Substances Registered Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	Toxicity to algae/aquatic plants				No data available
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	Toxicity to fish (Chronic toxicity)				No data available
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)				No data available
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	Toxicity to microorganisms				No data available

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Product name (CAS-No.)	Test Type	Species	Result	Method	Remarks
inner salts (61789-40-0)					
Seleniumdisulfide (7488-56-4)	Toxicity to fish				No data available
Seleniumdisulfide (7488-56-4)	Toxicity to daphnia and other aquatic invertebrates				No data available
Seleniumdisulfide (7488-56-4)	Toxicity to algae/aquatic plants				No data available
Seleniumdisulfide (7488-56-4)	Toxicity to fish (Chronic toxicity)				No data available
Seleniumdisulfide (7488-56-4)	Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)				No data available
Seleniumdisulfide (7488-56-4)	Toxicity to microorganisms				No data available

**12.2 Persistence and degradability**

Product name (CAS-No.)	Test Type	Conditions	Result	Method	Remarks
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	Biodegradability				No data available for mixture.

**Components:**

Product name (CAS-No.)	Test Type	Conditions	Result	Method	Remarks
Ethylene distearate (627-83-8)	Biodegradability				No data available
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	Biodegradability				No data available
Seleniumdisulfide (7488-56-4)	Biodegradability				No data available

**12.3 Bioaccumulative potential**

Product name (CAS-No.)	Test Type	Conditions	Result	Method	Remarks
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	Bioaccumulation				No data available for mixture.

**Components:**

Product name (CAS-No.)	Test Type	Conditions	Result	Method	Remarks
Ethylene distearate (627-83-8)	Bioaccumulation				No data available
Ethylene distearate (627-83-8)	Partition coefficient: n-octanol/water				No data available
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides,	Bioaccumulation				No data available

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Product name (CAS-No.)	Test Type	Conditions	Result	Method	Remarks
inner salts (61789-40-0)					
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	Partition coefficient: n-octanol/water				No data available
Product name (CAS-No.)	Test Type	Conditions	Result	Method	Remarks
Ethanesulfonic acid, 2-(methylamino)-, N-coco acyl derivs., sodium salts (61791-42-2)	Partition coefficient: n-octanol/water				not determined
Product name (CAS-No.)	Test Type	Conditions	Result	Method	Remarks
Seleniumdisulfide (7488-56-4)	Bioaccumulation				No data available
Seleniumdisulfide (7488-56-4)	Partition coefficient: n-octanol/water				No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

Product name (CAS-No.)	Result
Ethylene distearate (627-83-8)	Remarks: No data available


Product name (CAS-No.)	Result
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	Remarks: No data available

Product name (CAS-No.)	Result
Seleniumdisulfide (7488-56-4)	Remarks: No data available

**12.6 Endocrine disrupting properties**

**12.7 Other adverse effects**

Product name (CAS-No.)	Test Type	Result	Remarks
Selsun Blue medicated shampoo - [finished goods in the consumer packaging]	Ozone-Depletion Potential	Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

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Product name (CAS-No.)	Test Type	Result
Ethylene distearate (627-83-8)	Additional ecological information	Do not allow uncontrolled discharge of product into the environment.

Product name (CAS-No.)	Test Type	Result
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts (61789-40-0)	Additional ecological information	No information on ecology is available. Do not allow uncontrolled discharge of product into the environment.

Product name (CAS-No.)	Test Type	Result
Seleniumdisulfide (7488-56-4)	Additional ecological information	Do not allow uncontrolled discharge of product into the environment.

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

- Waste from residues : Dispose of contents/ container to an approved waste disposal plant.
- Contaminated packaging : Dispose of contents/ container to an approved waste disposal plant.  
Do not re-use empty containers.

### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

Not regulated as a dangerous good

##### IATA-DGR

Not regulated as a dangerous good

##### IMDG-Code

Not regulated as a dangerous good

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### National Regulations

##### 49 CFR

Not regulated as a dangerous good

### SECTION 15. REGULATORY INFORMATION

#### EPCRA - Emergency Planning and Community Right-to-Know Act


##### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Seleniumdisulfide	7488-56-4	10	1000

##### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

Components	CAS-No.	Component TPQ (lbs)
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**SARA 311/312 Hazards** : Respiratory or skin sensitisation

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**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

Seleniumdisulfid	7488-56-4	>= 1 - < 5 %
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**Clean Air Act**

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

Seleniumdisulfide	7488-56-4	>= 1 - < 5 %
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This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

**Clean Water Act**

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product contains the following toxic pollutants listed under the U.S. Clean Water Act Section 307

Seleniumdisulfide	7488-56-4	>= 1 - < 5 %
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This product does not contain any priority pollutants related to the U.S. Clean Water Act

**US State Regulations**

**Massachusetts Right To Know**

Seleniumdisulfide	7488-56-4
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**Pennsylvania Right To Know**

Water	7732-18-5
Sulfuric acid, mono-C10-16-alkyl esters, ammonium salts	68081-96-9
Ethylene distearate	627-83-8
Seleniumdisulfide	7488-56-4

**Maine Chemicals of High Concern**

Product does not contain any listed chemicals

**Vermont Chemicals of High Concern**

Product does not contain any listed chemicals

**Washington Chemicals of High Concern**

Product does not contain any listed chemicals

**California Prop. 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.


**California List of Hazardous Substances**

Seleniumdisulfide	7488-56-4
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**California Permissible Exposure Limits for Chemical Contaminants**

Seleniumdisulfide	7488-56-4
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TCSI : Not in compliance with the inventory

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- TSCA : Product contains substance(s) not listed on TSCA inventory.
- AIC : Not in compliance with the inventory
- DSL : This product contains the following components that are not on the Canadian DSL nor NDSL.
- ENCS : Not in compliance with the inventory
- ISHL : Not in compliance with the inventory
- KECI : Not in compliance with the inventory
- PICCS : Not in compliance with the inventory
- IECSC : Not in compliance with the inventory
- NZIoC : Not in compliance with the inventory

#### TSCA list

The following substance(s) is/are subject to a Significant New Use Rule:  
 2-propenoic acid, 2-methyl-, dodecyl ester, polymer with 1190091-71-4  
 ammonium 2-methyl-2-[(1-oxo-2-propen-1-yl)amino]-1-propanesulfonate (1:1),

No substances are subject to TSCA 12(b) export notification requirements.

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## SECTION 16. OTHER INFORMATION

### Full text of other abbreviations

- ACGIH : USA. ACGIH Threshold Limit Values (TLV)
- NIOSH REL : USA. NIOSH Recommended Exposure Limits
- OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
- OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
- ACGIH / TWA : 8-hour, time-weighted average
- NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
- OSHA P0 / TWA : 8-hour time weighted average
- OSHA Z-1 / TWA : 8-hour time weighted average

AIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS -

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in accordance with OSHA 29 CFR 1910.1200

**sanofi**

**Selsun Blue medicated shampoo - [finished goods in the consumer packaging]**


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Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 08-12-2024

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

US / EN

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Definition of Sanofi-OEB:

OEB is the occupational exposure band with the following levels:

Occupational Exposure Band	Occupational Exposure Level
OEB 1	> 1000 µg/m <sup>3</sup>
OEB 2	100 - 1000 µg/m <sup>3</sup>
OEB 3	10 - 100 µg/m <sup>3</sup>
OEB 4	1 - 10 µg/m <sup>3</sup>
OEB 5	< 1 µg/m <sup>3</sup>

Additional notations may be applied as suffixes to the OEL/OEB and are used to communicate additional information that is not directly indicated by the OEL/OEB classifications. This information is necessary to perform an efficient risk assessment and determine the correct exposure controls. The meanings of the suffixes is explained in this way:

Notation/Suffixes	Danger
G1	Reprotoxic hazard for pregnant women. Exposure below the OEL is acceptable.
G2	Reprotoxic hazard for pregnant women. Exposure even below the OEL is not acceptable.
Sr	Respiratory sensitization hazard with serious potential consequences (anaphylactic reactions).
Sk	Specific dermal hazard (High dermal absorption / Danger of skin sensitization).
Cor	Corrosive compound - Important dermal and ocular hazard If corrosive compounds.

Definition of SHB and EHB:

Substances are classified on a scale from 1, the less hazardous, to 5, the most hazardous, according to their safety properties, eg explosivity, flammability, etc. (SHB) and ecotoxicological properties, eg persistence, ecotoxicity (EHB)