abbvie

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: Tricor Tablets

Synonyms: Fenofibrate Tablets; ControLip; Lipidil EZ 48 mg tablets; Lipidil EZ 145 mg

tablets; ControLip capsules; Lipidil EZ Tablets; Lipidil Tablets

List Number: 6123 (Tricor 145 mg tablet old list number); 6122 (Tricor 48 mg tablet old list

number)

3189 (Tricor 145 mg tablet new list number); 3173 (Tricor 48 mg tablet new list

number)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Pharmaceuticals

1.3. Details of the supplier of the safety data sheet

Supplier: AbbVie Inc.

1 North Waukegan Road North Chicago, IL 60064

USA

+1-847-932-7900

Customer Service Telephone: 1-800-255-5162 (US and Canada only)

+1-847-937-7433

E-mail Address: AbbVie.SDS@abbvie.com

1.4. Emergency telephone number

Emergency Telephone: CHEMTREC: 1(800) 424-9300 (in USA and Canada)

or +1-703-527-3887 (international)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Serious eve damage/eve Category 2

irritation

Specific target organ systemic Category 2

toxicity (repeated exposure)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Indication of danger: Xi - Irritant

Xn - Harmful

Risk Phrases: R36 - Irritating to eyes

R48/22 - Harmful: danger of serious damage to health by prolonged exposure if

swallowed

2.2. Label elements



Signal Word: Warning

Hazard Statements: H302 - Harmful if swallowed

H315 - Causes skin irritation H320 - Causes eye irritation

H335 - May cause respiratory irritation

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear protective gloves/protective clothing/eye protection/face protection P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

P260 - Do not breathe dust/fume/gas/mist/vapors/spray P314 - Get medical advice/attention if you feel unwell

2.3. Other hazards

Not determined

SECTION 3: Composition/information on ingredients

Chemical Name	Weight-%	EINECS/ELINCS Number	EEC Classification	EU - GHS Substance Classification	REACH Reg. No
Sucrose 57-50-1	10-30	Present		Not Hazardous*	No data available
Fenofibrate 49562-28-9	10-24	Present	Xn, R48/22 R53	Chronic Tox (Repeat) 2 (H373) Aquatic Chronic 4 (H413)	No data available
Lactose 63-42-3	10-30	Present		Not Hazardous*	No data available
Cellulose Microcrystalline 9004-34-6	10-30	Present		Not Hazardous*	No data available
Polyvinyl Pyrrolidone 9003-39-8	10-30	NA		Not Hazardous*	No data available
Hydroxypropyl Methylcellulose 9004-65-3	1-10	NA		Not Hazardous*	No data available
Polyvinyl alcohol 9002-89-5	1-10	NA		Not Hazardous*	No data available

Sodium Lauryl Sulfate	1-2	Present	T, Xi, F	Acute Tox. 4	No data available
151-21-3			R38, R24, R22,	(H302)	
			R20, R41, R52,	Skin Irrit. 2 (H315)	
			R53, R11	Eye Dam. 1 (H318)	
				Acute Tox. 3	
				(H311)	
				Acute Tox. 4	
				(H332)	
				STOT SE 3 (H335)	
				Aquatic Chronic 3	
				(H412)	
				Flam. Sol. 2 (H228)	
Titanium Dioxide 13463-67-7	1-5	Present		Not Hazardous*	No data available

Not Hazardous* - Based on available data, not classified as hazardous according to the criteria of the Globally Harmonized System.

For the full text of the R-phrases mentioned in this Section, see Section 16

For the full text of the H-Statements mentioned in this Section, see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye Contact: Remove from source of exposure. Flush with copious amounts of water. If

irritation persists or signs of toxicity occur, seek medical attention. Provide

symptomatic/supportive care as necessary.

Skin Contact: Remove from source of exposure. Flush with copious amounts of water. If

irritation persists or signs of toxicity occur, seek medical attention. Provide

symptomatic/supportive care as necessary.

Inhalation: Remove from source of exposure. If signs of toxicity occur, seek medical

attention. Provide symptomatic/supportive care as necessary.

Ingestion: Remove from source of exposure. If signs of toxicity occur, seek medical

attention. Provide symptomatic/supportive care as necessary.

Protection of First-aiders: Use personal protective equipment

4.2 Most important symptoms and effects, both acute and delayed

Signs and Symptoms Available information support the following: constipation, headaches, rash,

cramps, abdominal pain, diarrhea.

Medical Conditions Aggravated None known from occupational exposure.

by Exposure

4.3. Indication of any immediate medical attention and special treatment needed

Notes To Physician: Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire

Unsuitable Extinguishing Media: Not determined

5.2. Special hazards arising from the substance or mixture

Special Exposure Hazards: Not determined

5.3. Advice for firefighters

Protective Equipment and Precautions for Firefighters:

As in any fire, wear self-contained breathing apparatus and full protective gear

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions: For personal protection see section 8.

6.2. Environmental precautions

Environmental Precautions: Contain material and prevent release to waterways or soil.

6.3. Methods and material for containment and cleaning up

Methods for Cleaning Up: Recover product and place in an appropriate container for disposal.

6.4. Reference to other sections

Refer to Sections 8, 12, and 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Store according to label instructions.

7.3. Specific end use(s)

Recommended use: Pharmaceuticals

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits:

Chemical Name	Employee Exposure Limit	Skin Notation
Sucrose	Not applicable	None
57-50-1		
Fenofibrate	480 μg/m³ TWA	None
49562-28-9		

Lactose 63-42-3	Not applicable	None
Cellulose Microcrystalline 9004-34-6	Not applicable	None
Polyvinyl Pyrrolidone 9003-39-8	Not applicable	None
Hydroxypropyl Methylcellulose 9004-65-3	Not applicable	None
Polyvinyl alcohol 9002-89-5	Not applicable	None
Sodium Lauryl Sulfate 151-21-3	Not applicable	None
Titanium Dioxide 13463-67-7	Not Applicable	None

Chemical Name	ACGIH TLV	France	German MAK	Ireland	Italy
Sucrose 57-50-1	10 mg/m³ TWA	TWA: 10 mg/m ³		20 mg/m ³ (STEL) 10 mg/m ³ (TWA)	
Lactose 63-42-3	10 mg/m³ total dust, 3 mg/m³ respirable dust				
Cellulose Microcrystalline 9004-34-6	10 mg/m ³ TWA	TWA: 10 mg/m ³		20 mg/m³ (STEL) 12 mg/m³ (STEL) 10 mg/m³ (TWA) 4 mg/m³ (TWA)	
Polyvinyl Pyrrolidone 9003-39-8	10 mg/m³ for nuisance dust; 3 mg/m³ respirable particulate				
Hydroxypropyl Methylcellulose 9004-65-3	10 mg/m³ total dust; 3 mg/m³ respirable dust				
Sodium Lauryl Sulfate 151-21-3	10 mg/m³ as nuisance dust; 3 mg/m³ for respirable fraction				
Titanium Dioxide 13463-67-7	10 mg/m³ TWA	TWA: 10 mg/m ³		30 mg/m ³ (STEL) 12 mg/m ³ (STEL) 10 mg/m ³ (TWA) 4 mg/m ³ (TWA)	

Chemical Name	The Netherlands	Spain	Switzerland	UK OEL/MEL
Sucrose 57-50-1		10 mg/m³ (TWA)		20 mg/m³ (STEL) 10 mg/m³ (TWA)
Cellulose Microcrystalline 9004-34-6		10 mg/m³ (TWA)	3 mg/m³ (TWA)	20 mg/m ³ (STEL) 12 mg/m ³ (STEL) 10 mg/m ³ (TWA) 4 mg/m ³ (TWA)
Titanium Dioxide 13463-67-7		10 mg/m³ (TWA)	3 mg/m³ (TWA)	30 mg/m ³ (STEL) 12 mg/m ³ (STEL) 10 mg/m ³ (TWA) 4 mg/m ³ (TWA)

8.2. Exposure controls

Engineering Controls: No special provisions are required under normal product use conditions.

When handling bulk formulation, use in a well-ventilated area.

Respiratory Protection: Respiratory protection is not needed during normal product use. When handling

the bulk formulation, an approved respirator (i.e. NIOSH, EN, etc.) should be

worn when exposures are expected to exceed the applicable limits.

Eyes: Eye protection not needed during typical product use conditions. Wear eye

protection as appropriate when handling the bulk formulation.

Gloves: Gloves not required during normal product use conditions. Wear impervious

gloves when handling the bulk formulation.

Other PPE Data: Not determined Page 5 of 12

Environmental Exposure

Controls:

Not determined

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:Oval tabletOdor:Odorless.

Odor Threshold: Not determined pH: Not determined **Boiling Pt.** @ 760 mm Hg (°C): Not determined **Melting/Freezing Point (°C):** Not determined Flash Point (°C): Not determined **Evaporation Rate at 20°C:** Not determined Flammability (Solid): Not determined **Lower Explosive Limit:** Not determined **Upper Explosive Limit:** Not determined **Vapor Pressure (mm Hg):** Not determined Vapor Density (Air = 1): Not determined **Specific Gravity:** Not determined **Solubility(ies):** Not determined **Partition coefficient:** Not determined

n-octanol/water

Autoignition Temp. (°C): Not determined **Decomposition temperature** Not determined

(°C):

Viscosity (centipoise): Not determined Explosion Severity: Not determined Oxidizer Properties: Not determined

9.2. Other information

Not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

Not determined

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Hazardous reactions: Not determined

10.4. Conditions to avoid

Not determined

10.5. Incompatible materials

Not determined

10.6. Hazardous decomposition products

Not determined

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Routes of Exposure:

Oral: Clinical Route
Dermal: Unlikely
Inhalation: Unlikely

Acute Toxicity - Oral: Data for component (s) given below:

Chemical Name	Acute Test	Value	Units	Species
Sucrose 57-50-1	LD50 >	29,700	mg/kg	Rats
Fenofibrate 49562-28-9	LD50 =	1600 > 5000	mg/kg	Rats Mice Dogs Hamsters
Lactose 63-42-3	LD50 >	10000	mg/kg	Rats
Cellulose Microcrystalline 9004-34-6	LD50 >	5000	mg/kg	Rats
Polyvinyl Pyrrolidone 9003-39-8	LD50 >	40,000	mg/kg	Rats Mice
Hydroxypropyl Methylcellulose 9004-65-3	LD50 >	2250	mg/kg	Rats
Sodium Lauryl Sulfate 151-21-3	LD50 =	1200	mg/kg	Rats

Acute Toxicity - Dermal: Data for component (s) given below:

Chemical Name	Acute Test	Value	Units	Species
Cellulose Microcrystalline 9004-34-6	LD50 >	2000	mg/kg	Rabbits
Sodium Lauryl Sulfate 151-21-3	LD50 >=	600	mg/kg	Rats

Acute Toxicity - Inhalation: Data for component (s) given below:

Chemical Name	Test	Value	Units	Species
Cellulose Microcrystalline 9004-34-6	LC 50 >	5800	mg/m³ , 4 hour	Rats
Sodium Lauryl Sulfate 151-21-3	LC 50 >	3900	mg/m³, 1 hour	Rats

Corrosivity Minor Component : Corrosive to eyes

Dermal Irritation: Minor ingredient: Reported to produce skin irritation.

Eye irritation Not determined

Sensitization Not determined

Toxicokinetics/Metabolism: Not determined

Target Organ Effects Data for component (s) given below:

Chemical Name	Target Organs:	Species	Dosage 12	Units	Route	Duration
		Pa	ge / 01 12			

Fenofibrate 49562-28-9	Liver	Rats	25	mg/kg	Oral	52 weeks
Titanium Dioxide	Lungs	Rats	10,000	mg/L	Inhalation	2 years
13463-67-7						

Reproductive Effects Not determined

Carcinogenicity Active Ingredient : In animals produced tumors in the following tissue (s): liver

There is no evidence that these findings are relevant to humans

Data for component (s) given below:

Chemical Name	Site of Tumors	Species	Dosage	Route	Units	Duration
Fenofibrate 49562-28-9	Liver	Mice Rats	60 200	Oral	mg/kg	18 months 2 years
Titanium Dioxide 13463-67-7	Lungs	Rats	250,000	Inhalation	mg/L	2 years

Mutagenicity: Data for component (s) given below:

Chemical Name	Micronucleus Assay	Ames Test:	Mouse Lymphoma	Chromosomal Abbr.
			Assay	Assay
Fenofibrate 49562-28-9	No Data.	Negative	No Data.	No Data.
Sodium Lauryl Sulfate 151-21-3	Negative	Negative	Negative	Negative

Aspiration hazard: Not determined

Notes:

1. ALD: Approximate lethal dosage

2. LC50: Concentration in air that produces 50% mortality

3. LD50: Oral or dermal dosage that produces 50% mortality

SECTION 12: Ecological information

12.1. Toxicity

Data for component (s) given below:

Chemical Name	Weight-%	LC 50 (mg/l)	Species	Duration
Sodium Lauryl Sulfate	1-2	29	Fathead Minnow	96 Hours
151-21-3		46	Oryzias latipes	48 Hours

Chemical Name	Weight-%	48h EC50 (daphnia - mg/l) (48HLCD)	Species	Duration
Sodium Lauryl Sulfate 151-21-3	1-2	NOEC = 0.88 (7 days)	Daphnia	

Chemical Name	Weight-%	72h IC50 (algae - mg/l) (72HICA)	Species	Duration
Sodium Lauryl Sulfate 151-21-3	1-2	53		

12.2. Persistence and degradability

Active Ingredient: Not readily biodegradable

12.3. Bioaccumulative potential

Data for components given below.

Chemical Name	Weight-%	Log Po/w
Fenofibrate	10-24	4.78
49562-28-9		

12.4. Mobility in soil

Data for component (s) given below:

Chemical Name	Weight-%	Log KOC:
Fenofibrate	10-24	4.36
49562-28-9		

12.5. Results of PBT and vPvB assessment

Chemical safety report is not required for this substance/product.

12.6. Other adverse effects

Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

Notes:

- 1. EC50: Concentration in water that produces 50% mortality in Daphnia sp.
- 2. LC50: Concentration in water that produces 50% mortality in fish.
- 3. EbC50/ErC50: Concentration in water that produces 50% inhibition of growth and in algae.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste Disposal Methods: Disposal should be made in accordance with country, federal, state and local

regulations.

SECTION 14: Transport information

ADR, DOT, ICAO/IATA, IMDG/IMO

Status: Not regulated

14.1. UN number
14.2. Proper shipping name:
14.3. Hazard class:
14.4. Packing group:
14.5. Environmental hazard:
14.6. Special provisions:
14.7. Transport in bulk
Not applicable
Not applicable
Not applicable
Not applicable
Not applicable

according to Annex II of

MARPOL 73/78 and the IBC

Code:

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories

Chemical Name	EINECS/ ELINCS	TSCA	DSL	NDSL	PICCS
Sucrose 57-50-1	Present	X	X	Not listed	X
Fenofibrate 49562-28-9	Present	-	-	Not listed	-

Lactose 63-42-3	Present	X	X	Not listed	Х
Cellulose Microcrystalline 9004-34-6	Present	X	X	Not listed	X
Polyvinyl Pyrrolidone 9003-39-8	-	X	X	Not listed	X
Hydroxypropyl Methylcellulose 9004-65-3	-	X	X	Not listed	X
Polyvinyl alcohol 9002-89-5	-	X	X	Not listed	X
Sodium Lauryl Sulfate 151-21-3	Present	X	X	Not listed	X
Titanium Dioxide 13463-67-7	Present	X	X	Not listed	X

Chemical Name	ENCS	ISHL	IECSC	AICS	KECL	New Zealand
Sucrose 57-50-1	-	Present	X	X	Present	
Fenofibrate 49562-28-9	-	-	-	X	Present	
Lactose 63-42-3	-	Present	X	X	Present	
Cellulose Microcrystalline 9004-34-6	Present	-	X	X	Present	
Polyvinyl Pyrrolidone 9003-39-8	Present	-	X	X	Present	
Hydroxypropyl Methylcellulose 9004-65-3	Present	-	X	X	Present	
Polyvinyl alcohol 9002-89-5	Present	-	X	X	Present	
Sodium Lauryl Sulfate 151-21-3	Present	-	X	X	Present	HSR003122
Titanium Dioxide 13463-67-7	Present	-	X	X	Present	

Legend

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

ISHL - Japan Industrial Safety and Health Law

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

 \boldsymbol{KECL} - Korean Existing and Evaluated Chemical Substances

Carcinogenicity Rating:

Chemical Name	Weight-%	NTP:	IARC:	ACGIH:
Sucrose	10-30	Not listed	Not listed	A4 - Not Classifiable as a Human Carcinogen
Fenofibrate	10-24	Not listed	Not listed	Not listed
Lactose	10-30	Not listed	Not listed	Not listed
Cellulose Microcrystalline	10-30	Not listed	Not listed	Not listed
Polyvinyl Pyrrolidone	10-30	Not listed	Not listed	Not listed
Hydroxypropyl Methylcellulose	1-10	Not listed	Not listed	Not listed
Polyvinyl alcohol	1-10	Not listed	Not listed	Not listed
Sodium Lauryl Sulfate	1-2	Not listed	Not listed	Not listed
Titanium Dioxide	1-5	Not listed	Not listed	A4 - Not Classifiable as a Human Carcinogen

SARA 313 Information

Chemical Name	Weight-%	SARA 313 Chemical:	CERCLA RQ/SARA EHS RQ (lbs):	SARA EHS TPQ (lbs):
Sucrose	10-30	No	Not applicable	Not applicable
Fenofibrate	10-24	Page 10 No 12	Not applicable	Not applicable
Lactose	10-30	rage 10 Qi 12	Not applicable	Not applicable

Cellulose Microcrystalline	10-30	No	Not applicable	Not applicable
Polyvinyl Pyrrolidone	10-30	No	Not applicable	Not applicable
Hydroxypropyl Methylcellulose	1-10	No	Not applicable	Not applicable
Polyvinyl alcohol	1-10	No	Not applicable	Not applicable
Sodium Lauryl Sulfate	1-2	No	Not applicable	Not applicable
Titanium Dioxide	1-5	No	Not applicable	Not applicable

Immediate Health:YesDelayed Health:NoFire:NoSudden Pressure:NoReactivity:No

RCRA Status: Not determined

Proposition 65 Status: Does not contain chemicals known to the state of California to cause cancer or

reproductive harm.

Component	Weight-%	Proposition 65 Listed Materials
Titanium Dioxide	1-5	carcinogen, 9/2/2011 (airborne, unbound particles
13463-67-7 (1-5)		of respirable size)

WHMIS Hazard Class Exempt

NFPA Rating:

Health: 1 Fire: 1 Reactivity: 0

Notes:

- 1. SARA = Superfund Amendments and the Reauthorization Act.
- 2. CERCLA = Comprehensive Environmental Response, Compensation and Liability Act.
- 3. FIFRA = Federal Insecticide, Fungicide and Rodenticide Act.
- 4. TSCA = Toxic Substances Control Act.
- 5. EC = European Community.
- 6. WHMIS = Canadian Workplace Hazardous Materials Information System.
- 7. UN GHS = United Nations Globally Harmonized System for Hazard Identification.

15.2. Chemical safety assessment

Chemical safety assessment has not been conducted on the substance/product.

SECTION 16: Other information

Risk Phrases:

R36 - Irritating to eyes

R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed

Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed

H315 - Causes skin irritation

H320 - Causes eye irritation

H335 - May cause respiratory irritation

H373 - May cause damage to organs through prolonged or repeated exposure

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