Issue date: 07-November-2014 Revision date: 07-November-2014

Version number: 12



SAFETY DATA SHEET

1. Identification

Product identifier ZANTAC TABLETS

Other means of identification

Synonyms ZANTAC 150 TABLETS * ZANTAC 300 TABLETS * ANTAK TABLETS * AZANTAC TABLETS *

SOSTRIL TABLETS * ZANDINE TABLETS * ZANTIC TABLETS * ZINETAC TABLETS *

RANITIDINE HYDROCHLORIDE, FORMULATED PRODUCT

Recommended use of the chemical and restrictions on use

Recommended use Medicinal Product.

This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant

to medicinal use of the product. In this instance patients should consult prescribing

information/package insert/product label or consult their pharmacist or physician. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate

safety data sheet for each ingredient.

Restrictions on useNo other uses are advised.

Details of manufacturer or importer

Manufacturer

GlaxoSmithKline Australia 1061 Mountain Highway Melbourne, Victoria 3155

Australia

Australia General Information (Normal Business Hours): (03) 9721 6000

TRANSPORTATION EMERGENCY NUMBERS (available 24hrs/7days: multi-language response)

Australia Toll Free +(61) 2 9037 2994 International Toll Call +(1) 703 527 3887

2. Hazard(s) identification

Classification of the hazardous chemical

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

Label elements, including precautionary statements

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

Other hazards which do not result in classification

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

3. Composition/information on ingredients

Mixture

Identity of chemical ingredientsCAS number and other unique identifiersConcentration of ingredientsRANITIDINE HYDROCHLORIDE66357-59-350 - < 60</td>

AH 19065AB N,N-DIMETHYL-5-(2-(1-METHYLAMINO-2-NITROVINYLAMINO)ETHYLTHIO METHYL)FURFURYL AMINE HYDROCHLORIDE 54 (GW ACN)

MICROCRYSTALLINE CELLULOSE	9004-34-6	15 - < 45
AVICEL PH MICROCRYSTALLINE CELLULOSE		
ALPHA-CELLULOSE		
AVICEL PH101		
AVICEL PH102 AVICEL PH103		
AVICEL PH103 AVICEL PH105		
AVICEL PH112		
AVICEL PH200		
CELLULOSE (8CI9CI)		
CELLULOSE CRYSTALLINE		
CELLULOSE, FOOD GRADE		
CRYSTALLINE CELLULOSE		
MAGNESIUM STEARATE	557-04-0	0.1 - < 5
STEARIC ACID, MAGNESIUM SALT		
MAGNESIUM DISTEARATE		
DIBASIC MAGNESIUM STEARATE		
MAGNESIUM DISTEARATE, PURE		
itanium dioxide	13463-67-7	<5
TITANIUM OXIDE		
TITANIUM(IV) OXIDE		
TITANIUM PEROXIDE (TiO2)		
PIGMENT WHITE 6		
Other components below reportable levels		10 - < 20

^{*}Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Description of necessary first aid measures

Inhalation Move to fresh air. If breathing is difficult, trained personnel should give oxygen. Call a physician if

symptoms develop or persist.

Skin contact Immediately flush skin with plenty of water. Take off contaminated clothing and wash before reuse.

Get medical attention if symptoms occur.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Eye contact

If swallowed, rinse mouth with water (only if the person is conscious). If ingestion of a large Ingestion

amount does occur, call a poison control centre immediately. Do not induce vomiting without

advice from poison control center.

Personal protection for first-aid

responders

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take

precautions to protect themselves.

Symptoms caused by exposure

Accidental exposure or contact might produce: Irritation of eyes and mucous membranes.

Sensitisation. Skin irritation. May cause an allergic skin reaction. Dermatitis. Rash.

The following adverse effects have been noted with therapeutic use of this material: decrease in heart rate; decrease in blood pressure; temporary decrease in white blood cell counts; coughing;

increased mucous secretion.

Medical attention and special

treatment

Treat according to locally accepted protocols. For additional guidance, refer to the current

prescribing information or to the local poison control information centre.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing

Water. Foam. Dry chemical powder. Carbon dioxide (CO2).

media

Unsuitable extinguishing

media

None known.

Specific hazards arising from

the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for fire

fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting

equipment/instructions

Move containers from fire area if you can do so without risk.

Not available. **Hazchem Code**

General fire hazards No unusual fire or explosion hazards noted.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency

personnel

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear protective clothing and equipment consistent with the degree of hazard. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For personal protection, see section 8.

For emergency responders

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the

Environmental precautions

For large spills, take precautions to prevent entry into waterways, sewers, or surface drainage

systems.

Methods and materials for containment and cleaning up Collect and place it in a suitable, properly labelled container for recovery or disposal. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS. No specific decontamination or detoxification procedures have been identified for this

product.

Other issues relating to spills

and releases

Clean up in accordance with all applicable regulations.

7. Handling and storage

Precautions for safe handling

Avoid prolonged exposure. Avoid breaking or crushing tablets.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). No storage requirements necessary for occupational hazards. Follow product information storage instructions to maintain efficacy.

8. Exposure controls and personal protection

Control parameters

Follow standard monitoring procedures.

Occupational exposure limits

GSK

Components	Туре	Value	Note
RANITIDINE HYDROCHLORIDE (CAS 66357-59-3)	15 MIN STEL	50 mcg/m3	SKIN SENSITISER
,		50 mcg/m3	RESPIRATORY SENSITISER
	OHC	3	

Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A) Form Components Value Type MAGNESIUM STEARATE TWA 10 mg/m3 Inhalable dust. (CAS 557-04-0) 10 mg/m3 **MICROCRYSTALLINE TWA** Inhalable fibers. CELLULOSE (CAS 9004-34-6) **TWA** Titanium dioxide (CAS 10 mg/m3 Inhalable dust. 13463-67-7)

Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational **Environment)**

Components	Туре	Value	Form	
MAGNESIUM STEARATE (CAS 557-04-0)	TWA	10 mg/m3	Inspirable dust.	
MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)	TWA	10 mg/m3	Inspirable dust.	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	Inspirable dust.	

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US.	ACGIH	Threshold	Limit	Values
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Components	Туре	Value	
MAGNESIUM STEARATE (CAS 557-04-0)	TWA	10 mg/m3	
MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)	TWA	10 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
UK. EH40 Workplace Exposure Li	mits (WELs)		
Components	Type	Value	Form
MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)	STEL	20 mg/m3	Inhalable dust.
,	TWA	4 mg/m3 10 mg/m3	Respirable dust. Inhalable dust.

Biological limit values

Titanium dioxide (CAS

No biological exposure limits noted for the ingredient(s).

Exposure guidelines

13463-67-7)

Appropriate engineering

controls

General ventilation normally adequate.

TWA

Individual protection measures, for example personal protective equipment (PPE)

Eye/face protection If contact is likely, safety glasses with side shields are recommended. Eye wash fountain is

recommended.

Solid.

Skin protection

Hand protection Not normally needed. For prolonged or repeated skin contact use suitable protective gloves.

Other Wear suitable protective clothing as protection against splashing or contamination.

No personal respiratory protective equipment normally required. When workers are facing Respiratory protection

concentrations above the exposure limit they must use appropriate certified respirators.

4 mg/m3

10 mg/m3

Respirable.

Inhalable

Wear appropriate thermal protective clothing, when necessary. Thermal hazards

Always observe good personal hygiene measures, such as washing after handling the material Hygiene measures

and before eating, drinking, and/or smoking. Routinely wash work clothing and protective

equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state

Tablet. **Form** Colour Not available. Not available. Odour **Odour threshold** Not available. Not available. pН Melting point/freezing point Not available. Not available. Initial boiling point and boiling range Not available. Flash point Not available. **Evaporation rate** Not available. Flammability (solid, gas) Upper/lower flammability or explosive limits Not available. Flammability limit - lower Flammability limit - upper Not available. (%)

Material name: ZANTAC TABLETS

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Not available. Explosive limit - lower (%)

Explosive limit - upper

(%)

Not available.

Not available. Vapour pressure Not available. Vapour density Not available. Relative density

Solubility(ies)

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

Not available. **Auto-ignition temperature Decomposition temperature** Not available. Not available. **Viscosity**

10. Stability and reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport. Reactivity

Chemical stability This product is expected to be stable.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Contact with incompatible materials. Incompatible materials Strong oxidising agents. Fluorine.

Hazardous decomposition

products

None known. Irritating and/or toxic fumes and gases may be emitted upon the product's

decomposition.

11. Toxicological information

Information on possible routes of exposure

Inhalation Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Prolonged inhalation may be harmful.

Health injuries are not known or expected under normal use. Skin contact Eye contact Health injuries are not known or expected under normal use.

Ingestion Health injuries are not known or expected under normal use. Expected to be a low ingestion

hazard. However, ingestion is not likely to be a primary route of occupational exposure.

Symptoms related to exposure Accidental exposure or contact might produce: Irritation of eyes and mucous membranes.

Sensitisation. Skin irritation. Dermatitis. May cause an allergic skin reaction. Rash.

The following adverse effects have been noted with therapeutic use of this material: decrease in heart rate; decrease in blood pressure; temporary decrease in white blood cell counts; coughing;

increased mucous secretion.

Acute toxicity May be harmful if swallowed.

Components **Species Test results**

MAGNESIUM STEARATE (CAS 557-04-0)

Acute

Oral

LD50 Rat > 2000 mg/kg

MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)

Acute

Dermal

LD50 Rabbit > 2000 mg/kg

Oral

LD50 Rat > 2000 mg/kg

RANITIDINE HYDROCHLORIDE (CAS 66357-59-3)

Acute

Oral

LD50 Rat > 1000 mg/kg

Components	Species	Test results
Titanium dioxide (CAS 13463-	-67-7)	
Acute		
Inhalation		
LC50	Rat	6820 mcg/m3
Oral		
LD50	Rat	> 24 g/kg
Chronic		
Inhalation		
LOEC	Rat	8.6 mg/m3, 1 years TiO2 accumulated in interstitial macrophages, aggregated interstitial cells and particle laden macrophrages in lymphoid tissue.
NOAEC	Rat	250 mg/m3, 2 years Highest dose
		5 mg/m3, 24 months
Subacute		
Inhalation		
LOEL	Rat	0.1 - 35 mg/m3, 4 weeks Mild macrophage hyperplasia, no change in bronchio-alveolar lavage fluid.
NOAEC	Guinea pig	26 mg/m3, 3 weeks No evidence of significant inflammation in respiratory tract.
Oral		
NOAEL	Rat	100000 ppm, 14 Day Dietary study, highest dose tested.
Subchronic		
Inhalation		
LOEC	Rat	3.2 - 20 mg/m3, 8 min Accumulation of TiO2 in macrophages and evidence of pulmonary inflammation.

^{*} Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Health injuries are not known or expected under normal use.

Irritation Corrosion - Skin

TITANIUM DIOXIDE 0, Literature data

Result: Non-irritant Species: Guinea pig 0, Literature data Result: Non-irritant Species: Human

Acute dermal irritation; OECD 404, Literature data

Result: Non-irritant Species: Rabbit

RANITIDINE HYDROCHLORIDE Acute dermal irritation; OECD 404, Primary dermal irritation

index = 0 Result: negative Species: Rabbit

Irritation Corrosion - Skin: P.I.I. value

MAGNESIUM STEARATE 0

Serious eye damage/irritation Direct contact with eyes may cause temporary irritation.

Eye

RANITIDINE HYDROCHLORIDE Acute ocular irritation; OECD 405, Kay and Calandra score =

3

Result: Minimal Irritant Species: Rabbit IRE Assay

Result: Negative; not likely to be a severe irritant

Species: Rabbit

Eye

TITANIUM DIOXIDE OECD 405, Literature data

> Result: Mild irritant Species: Rabbit

Eye / Kay and Calandra class - Intact

MAGNESIUM STEARATE

Recovery Period: 2 days

Respiratory or skin sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled. Respiratory sensitisation

RANITIDINE HYDROCHLORIDE Occupational exposure

Result: positive Species: Human

Skin sensitisation May cause an allergic skin reaction.

Sensitisation

TITANIUM DIOXIDE 5 % Optimisation Test, Literature data - Vehicle: petrolatum

Result: negative Species: Guinea pig

Test Duration: 48 hour exposure

Occupational exposure RANITIDINE HYDROCHLORIDE

Result: positive Species: Human **Optimisation Test** Result: Weak sensitiser Species: Guinea pig

TITANIUM DIOXIDE Patch test. Literature data

Result: negative Species: Human

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Mutagenicity

RANITIDINE HYDROCHLORIDE

RANITIDINE HYDROCHLORIDE Ames Assay, GLP assay

Result: negative TITANIUM DIOXIDE Ames, Literature data

Result: negative

RANITIDINE HYDROCHLORIDE Chromosomal Aberration Assay In Vitro, human

lymphocytes, Ranitidine bismuth citrate tested

Result: positive

Chromosomal Aberration Assay In Vivo; germ cells,

Maximum dose = 1000 mg/kg

Result: negative Species: Mouse GreenScreen Assay Result: negative

TITANIUM DIOXIDE Micronucleus Assay in vitro, CHO cells, Literature data

Result: negative

Micronucleus Assay in vitro, cultured human peripheral

lymphocytes, Literature data

Result: positive Micronucleus Test

Result: negative Species: Rat

Mouse Lymphoma Cell (L5178Y) Mutation Assay, GLP assay

Result: negative SOS/umu Assay Result: negative

Syrian Hamster Embryo (SHE) cell transformation assay TITANIUM DIOXIDE

Result: negative

RANITIDINE HYDROCHLORIDE Unscheduled DNA Synthesis in vivo, Maximum dose = 200

mg/kg

Result: negative Species: Rat Organ: Stomach

TITANIUM DIOXIDE WIL2-NS HPRT/ t-Thioquanidine - Human B-Cell

lymphoblastoid, Literature data

Result: positive

Mutagenicity

RANITIDINE HYDROCHLORIDE Yeast Mutation Assay

Result: negative

Carcinogenicity Carcinogenic effects are not expected as a result of occupational exposure.

TITANIUM DIOXIDE 0.5 mg/m3, Literature data

Result: negative Species: Rat

Test Duration: 24 months 0.72 - 14.8 mg/m3, Literature data

Result: negative Species: Mouse

10 - 250 mg/m3, Dietary study - Literature data.

Result: Inflammation at all doses with alveolar/bronchiolar

adenoma at the highest concentration.

Species: Rat

Test Duration: 24 months

RANITIDINE HYDROCHLORIDE 2 year bioassay, Maximum dose = 2000 mg/kg/day

> Result: negative Species: Mouse

2 year bioassay, Maximum dose = 2000 mg/kg/day

Result: negative Species: Rat

25000 - 50000 ppm, Dietary study TITANIUM DIOXIDE

Result: negative Species: Mouse

25000 - 50000 ppm, Dietary study - Literature data.

Result: negative Species: Rat

7.2 - 14.8 mg/m3, Literature data

Result: Lung tumour Species: Rat

Test Duration: 24 months

ACGIH Carcinogens

MAGNESIUM STEARATE (CAS 557-04-0) A4 Not classifiable as a human carcinogen. Titanium dioxide (CAS 13463-67-7) A4 Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

Titanium dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

Contains no ingredient listed as toxic to reproduction Reproductive toxicity

Specific target organ toxicity -

single exposure

None known.

Specific target organ toxicity -

repeated exposure

None known.

Not available. **Aspiration hazard**

Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. **Chronic effects**

Other information Occupational exposure to the substance or mixture may cause adverse effects.

12. Ecological information

No information is available about the potential of this product to produce adverse environmental **Ecotoxicity**

effects. The product contains a substance which may cause long-term adverse effects in the

environment.

Components **Species Test results**

MAGNESIUM STEARATE (CAS 557-04-0)

Aquatic

Acute

EC50 Orange-red killfish (Adult Oryzias Fish 130 mg/l, 96 hours

latipes)

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Components	Species	Test results
RANITIDINE HYDROCHI ORIDE (CAS 663	357-59-3)	

	IDINE HYDROCHLORIL	/L (OAO 00007-00	7-3)	
	Aquatic <i>Acute</i>			
	Activated Sludge Respiration	IC50	Residential sludge	> 1000 mg/l, 3 hours OECD 209
	Algae	EC50	Green algae (Selenastrum capricornutum)	167 mg/l, 72 hours OECD 201
		NOEC	Green algae (Selenastrum capricornutum)	56 mg/l, 72 hours
	Crustacea	EC50	Water flea (Daphnia magna)	730 mg/l, 48 hours Static test, OECD 202
		NOEC	Water flea (Daphnia magna)	347 mg/l, 48 hours Static test
	Fish	EC50	Rainbow trout (Juvenile Oncorhyncus mykiss)	> 112 mg/l, 14 days Flow-through test, OECD 203
		NOEC	Rainbow trout (Juvenile Oncorhyncus mykiss)	112 mg/l, 14 days Flow-through test
	Chronic			
	Crustacea	LOEC	Water flea (Ceriodaphnia dubia)	100 mg/l, 8 days Static renewal test, EPA 1002
		NOEC	Water flea (Ceriodaphnia dubia)	32 mg/l, 8 days
Titaniu	m dioxide (CAS 13463-6	7-7)		
	Aquatic			
	Acute			
	Crustacea	EC50	Water flea (Daphnia magna)	> 1000 mg/l, 48 hours Static test

^{*} Estimates for product may be based on additional component data not shown.

Persistence and degradability

Photolysis

Half-life (Photolysis-aqueous)

RANITIDINE HYDROCHLORIDE 70 Minutes Measured, Lake water

Half-life (Photolysis-atmospheric)

MAGNESIUM STEARATE 17 Hours Estimated

UV/visible spectrum wavelength

MAGNESIUM STEARATE 210 nm

RANITIDINE HYDROCHLORIDE 313 nm Measured, pH 7

Hydrolysis

Half-life (Hydrolysis-neutral)

RANITIDINE HYDROCHLORIDE > 1 years Measured

Biodegradability

Percent degradation (Aerobic biodegradation-inherent)

MAGNESIUM STEARATE 77 %, 28 days BOD

RANITIDINE HYDROCHLORIDE 2 %, 28 days Modified Zahn-Wellens, DOC removal.,

Activated sludge

43 %, 28 days Modified Zahn-Wellens, primary biodegradation, loss of parent., Activated sludge

Percent degradation (Aerobic biodegradation-ready)

MAGNESIUM STEARATE 95 %, 22 days Sturm test

RANITIDINE HYDROCHLORIDE < 1 %, 28 days Modified Sturm test.

Percent degradation (Aerobic biodegradation-soil)

MAGNESIUM STEARATE 50 %, 13 days 3 - 10 %, 67 days RANITIDINE HYDROCHLORIDE

Percent degradation (Anaerobic biodegradation)

RANITIDINE HYDROCHLORIDE 12 %, 35 days

Bioaccumulative potential

Partition coefficient

n-octanol / water (log Kow)

RANITIDINE HYDROCHLORIDE 0.0815

Bioconcentration factor

(BCF)

MAGNESIUM STEARATE > 9999 Estimated

Mobility in soil

Adsorption

Soil/sediment sorption - log Koc

5.86 Estimated **MAGNESIUM STEARATE** RANITIDINE HYDROCHLORIDE 2.51 - 4.49, pH 5-7

Mobility in general

Volatility

Henry's law

RANITIDINE HYDROCHLORIDE 0 atm m^3/mol, 24 C Estimated

Distribution

Octanol/water distribution coefficient log DOW

RANITIDINE HYDROCHLORIDE -1.09, pH 7 -2.5, pH 5

0.14, pH 9

Other adverse effects Not available.

13. Disposal considerations

Disposal methods Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not

discharge into drains, water courses or onto the ground. Dispose in accordance with all applicable

regulations.

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions). Avoid discharge into water courses or onto the ground.

Empty containers should be taken to an approved waste handling site for recycling or disposal. Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is

emptied.

14. Transport information

ΙΔΤΔ

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not available.

Annex II of MARPOL 73/78 and

the IBC Code

15. Regulatory information

Safety, health and environmental regulations

This Material Safety Data Sheet was prepared in accordance with the Australia National Code of **National regulations**

Practice for the Preparation of Material Safety Data Sheets (NOHSC: 2011.)

Australia Medicines & Poisons Appendix A

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix B

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix C

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix D

Poisons schedule number not allocated. Australia Medicines & Poisons Appendix E

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix F

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix G

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix H

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix I

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix J

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix K

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 2

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 3

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 4

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 5

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 6

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 7

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 8

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 9

Poisons schedule number not allocated.

High Volume Industrial Chemicals (HVIC)

Titanium dioxide (CAS 13463-67-7)

100000 - 999999 TONNES See the regulation for additional information.

Importation of Ozone Deleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)

Not listed.

National Pollutant Inventory (NPI) substance reporting list

Not listed.

Prohibited Carcinogenic Substances

Not regulated.

Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

Resricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

Restricted Carcinogenic Substances

Not regulated.

International regulations

The product does not need to be labelled in accordance with EC directives or respective national laws.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

Country(s) or regionInventory nameOn inventory (yes/no)*AustraliaAustralian Inventory of Chemical Substances (AICS)No

odulitiy(3) of region	inventory name	On inventory (yes/no)
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	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

Country(s) or region

Issue date 07-November-2014
Revision date 07-November-2014

References ACGIH

EPA: AQUIRE database

Inventory name

NLM: Hazardous Substances Data Base

US. IARC Monographs on Occupational Exposures to Chemical Agents

GSK Hazard Determination

Disclaimer The information and recommendations in this safety data sheet are, to the best of our knowledge,

accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and

the suitability of the material or product for any particular purpose.

Revision Information Product and Company Identification: Product and Company Identification

Composition / Information on Ingredients: Ingredients

Physical & Chemical Properties: Ecological Information: Mobility

Transport Information: Material Transportation Information

Regulatory Information: United States

GHS: Classification

Material name: ZANTAC TABLETS SDS AUSTRALIA

On inventory (yes/no)*