

CELLCEPT(R) Powder for Susp. 200mg/ml

Version Revision Date: Date of last issue: 02-18-2020 2.0 10-27-2022 Date of first issue: 06-10-2017

SECTION 1. IDENTIFICATION

Product name : CELLCEPT(R) Powder for Susp. 200mg/ml

Product code : RO106-1443/F06

Common name(s), synonym(s) of the substance

: CELLCEPT Powder for suspension 200 mg/ml

(800)-424-9300

Manufacturer or supplier's details

Company name of supplier : Genentech, Inc.

Address : 1 DNA Way

South San Francisco, CA 94080

USA

Telephone : 001-(650) 225-1000 E-mail address : info.sds@roche.com

Emergency telephone

Emergency telephone num- : US Chemtrec phone

ber

Recommended use of the chemical and restrictions on use

Recommended use : Formulated pharmaceutical active substance

Restrictions on use : For professional users only.

SECTION 2. HAZARDS IDENTIFICATION

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

Combustible dust

Acute toxicity (Oral) : Category 4

Germ cell mutagenicity : Category 2

Carcinogenicity : Category 1A

Reproductive toxicity : Category 1B

Specific target organ toxicity

- repeated exposure

Category 1

GHS label elements

Hazard pictograms





Signal Word : Danger



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Hazard Statements : May form combustible dust concentrations in air.

H302 Harmful if swallowed.

H341 Suspected of causing genetic defects.

H350 May cause cancer.

H360D May damage the unborn child.

H372 Causes damage to organs through prolonged or repeated

exposure.

Precautionary Statements :

Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read

and understood.

P260 Do not breathe dust.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/ protective clothing/ eye protection/

face protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON

CENTER/ doctor if you feel unwell. Rinse mouth.

P308 + P313 IF exposed or concerned: Get medical advice/

attention.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste dis-

posal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Mycophenolate mofetil	128794-94-5	31.8
D-Glucitol	50-70-4	63.6
Sodium citrate dihydrate	6132-04-3	1.6
Silica	7631-86-9	1.6
Benzoic acid, 4-hydroxy-, methyl	99-76-3	0.48
ester		
Lecithins	8002-43-5	0.32
Xanthan gum	11138-66-2	0.16
L-Phenylalanine, Lalphaaspartyl-,	22839-47-0	0.16
2-methyl ester		
1,2,3-Propanetricarboxylic acid, 2-	77-92-9	0.03
hydroxy-		
non hazardous compounds	Not Assigned	< 0.3



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SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.

Show this material safety data sheet to the doctor in atten-

dance.

Do not leave the victim unattended.

If inhaled : Move to fresh air.

If unconscious, place in recovery position and seek medical

advice

If symptoms persist, call a physician.

In case of skin contact : If on skin, rinse well with water.

In case of eye contact : Immediately flush eye(s) with plenty of water.

Remove contact lenses. Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician. Take victim immediately to hospital.

Rinse mouth with water.

Most important symptoms and effects, both acute and

and enecis, boin acut

delayed

No information available. Harmful if swallowed.

Suspected of causing genetic defects.

May cause cancer.

May damage the unborn child.

Causes damage to organs through prolonged or repeated

exposure.

Notes to physician : The first aid procedure should be established in consultation

with the doctor responsible for industrial medicine.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local cir-

cumstances and the surrounding environment.

Unsuitable extinguishing

media

High volume water jet

Specific hazards during fire

fighting

Do not allow run-off from fire fighting to enter drains or water

courses.

Hazardous combustion prod: :

ucts

Carbon oxides

In case of fire hazardous decomposition products may be

produced such as: Carbon monoxide Sodium oxides



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May release combustible and toxic gases

Further information Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

Special protective equipment :

for fire-fighters

Wear self-contained breathing apparatus for firefighting if

necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- : tive equipment and emer-

gency procedures

Avoid exposure

Use personal protective equipment.

Avoid dust formation. Avoid breathing dust.

Environmental precautions Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

Methods and materials for

containment and cleaning up

Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against :

fire and explosion

Avoid dust formation.

Provide appropriate exhaust ventilation at places where dust

is formed.

Advice on safe handling Avoid formation of respirable particles.

Do not breathe vapors/dust.

Avoid exposure - obtain special instructions before use.

Avoid contact with skin and eyes. For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Dispose of rinse water in accordance with local and national

regulations.

Conditions for safe storage Keep container tightly closed in a dry and well-ventilated pla-

Containers which are opened must be carefully resealed and

kept upright to prevent leakage.

Electrical installations / working materials must comply with

the technological safety standards.

Further information on stor-

age conditions

See label, package insert or internal guidelines

to 30 °C Storage temperature

Keep in a dry place.

Keep in a well-ventilated place.



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Further information on stor-

Keep in a dry place.

age stability

No decomposition if stored and applied as directed.

Packaging material : Suitable material: glass, glass bottles, Plastic container of

HDPE

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Mycophenolate mofetil The value is given in analogy to the following substances: Mycophenolic acid	128794-94-5	IOEL	0.01 mg/m3	Roche In- dustrial Hy- giene Com- mittee (RIHC)
Silica	7631-86-9	TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3
		TWA	6 mg/m3 (Silica)	NIOSH REL
		TWA (Respirable dust)	0.05 mg/m3 (Silica)	NIOSH REL
		PEL (respir- able)	0.05 mg/m3	OSHA CARC

Predicted No Effect Concentration (PNEC):

Substance name	Environmental Compartment	Value
Mycophenolate mofetil	Surface waters	0.58 μg/l
	Remarks:	
	Based on chronic data	

Engineering measures : No data available

Personal protective equipment

Respiratory protection : In the case of dust or aerosol formation use respirator with an

approved filter. Effective dust mask

Hand protection

In case of contact through splashing:

Material : Nitrile rubber
Break through time : > 30 min
Glove thickness : > 0.11 mm

In case of full contact:

Material : butyl-rubber



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Break through time : > 480 minGlove thickness : > 0.4 mm

Remarks : Wear appropriate protective gloves to prevent skin contact.

Replace torn or punctured gloves promptly.

Eye protection : Eye wash bottle with pure water

Tightly fitting safety goggles

Skin and body protection : Dust impervious protective suit

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Instruction of employees mandatory

Hygiene measures : When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : powder

Color : white

Odor : Not applicable

Odor Threshold : Not applicable

pH : Not applicable

Melting point/range : No data available

Boiling point/boiling range : No data available

Evaporation rate : No data available

Self-ignition : No data available

Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower :

flammability limit

No data available

Vapor pressure : No data available

Relative vapor density : Not applicable

Relative density : No data available

Solubility(ies)



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Water solubility : No data available

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

No data available

Autoignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : Not applicable

Viscosity, kinematic : Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reac-

tions

No decomposition if stored and applied as directed.

Dust may form explosive mixture in air.

Incompatible materials : No data available

Hazardous decomposition

products

No data available

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Harmful if swallowed.

Product:

Acute oral toxicity : Acute toxicity estimate: 1,111 mg/kg

Method: Calculation method

Components:

Mycophenolate mofetil:

Acute oral toxicity : LD50 Oral (Rat, female): 353 mg/kg

Sodium citrate dihydrate:

Acute oral toxicity : LD50 Oral (Mouse): 5,400 mg/kg

Method: OECD Test Guideline 401

Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 Dermal (Rat, male and female): > 2,000 mg/kg

Method: OECD Test Guideline 402

Assessment: The substance or mixture has no acute dermal

toxicity



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Remarks: No mortality observed at this dose.

The value is given in analogy to the following substances:

Citric acid

Silica:

Acute oral toxicity : LD50 (Rat, male and female): > 5,000 mg/kg

GLP: yes

Acute inhalation toxicity : LC50 (Rat, male and female): > 5.01 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 436

GLP: yes

Assessment: The substance or mixture has no acute inhala-

tion toxicity

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5,000 mg/kg

Method: No information available. GLP: No information available.

Skin corrosion/irritation

Not classified based on available information.

Components:

Mycophenolate mofetil:

Species : laboratory animal Result : No skin irritation

Sodium citrate dihydrate:

Species : Rabbit

Method : OECD Test Guideline 404

Result : No skin irritation
Test substance : anhydrous substance

Silica:

Species : Rabbit Exposure time : 4 h

Method : OECD Test Guideline 404

Result : No skin irritation

GLP : No information available.

Serious eye damage/eye irritation

Not classified based on available information.

Components:

Mycophenolate mofetil:

Species : laboratory animal Result : No eye irritation



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Sodium citrate dihydrate:

Species : Rabbit

Result : No eye irritation

Method : OECD Test Guideline 405
Test substance : anhydrous substance

Silica:

Species : Rabbit

Result : No eye irritation

Exposure time : 24 h GLP : no

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Components:

Mycophenolate mofetil:

Result : Did not cause sensitization on laboratory animals.

Sodium citrate dihydrate:

Test Type : Maximization Test

Species : Guinea pig

Assessment : Does not cause skin sensitization.

Method : OECD Test Guideline 406
Test substance : anhydrous substance

Silica:

Test Type : Maximization Test

Species : Guinea pig

Assessment : Does not cause skin sensitization.

Method : OECD Test Guideline 406

Result : Did not cause sensitization on laboratory animals.

GLP : yes

Germ cell mutagenicity

Suspected of causing genetic defects.

Components:

Mycophenolate mofetil:

Genotoxicity in vitro : Test Type: Ames test

Result: negative

The value is given in analogy to the following substances:

Mycophenolic acid

Test Type: In vitro mammalian cell gene mutation test

Method: OECD Test Guideline 473



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Result: negative

The value is given in analogy to the following substances:

Mycophenolic acid

Test Type: In vitro mammalian cell gene mutation test

Method: OECD Test Guideline 476

Result: positive

The value is given in analogy to the following substances:

Mycophenolic acid

Genotoxicity in vivo : Test Type: Micronucleus test

Species: Mouse

Method: OECD Test Guideline 474

Result: positive

The value is given in analogy to the following substances:

Mycophenolic acid

Germ cell mutagenicity -

Assessment

In vitro tests showed mutagenic effects

Sodium citrate dihydrate:

Genotoxicity in vitro : Test Type: Microbial mutagenesis assay (Ames test)

Test system: Salmonella typhimurium

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: negative

Test Type: Micronucleus test Test system: Human lymphocytes Method: OECD Test Guideline 487

Result: positive

Genotoxicity in vivo : Test Type: dominant lethal test

Species: Rat

Application Route: Oral

Method: Regulation (EC) No. 440/2008, Annex, B.22

Result: negative

Test Type: Chromosome aberration test in vitro

Species: Rat

Cell type: Bone marrow Application Route: Oral

Method: OECD Test Guideline 475

Result: negative

Silica:

Genotoxicity in vitro : Test Type: Microbial mutagenesis assay (Ames test)

Test system: Salmonella typhimurium

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: negative GLP: yes

Test Type: Microbial mutagenesis assay (Ames test)



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Test system: Escherichia coli

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: negative

GLP: yes

Test Type: In vitro mammalian cell gene mutation test

Test system: mouse lymphoma cells

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 490

Result: negative

GLP: yes

Genotoxicity in vivo : Species: Rat (male)

Cell type: Bone marrow Application Route: Oral

Method: OECD Test Guideline 475

Result: negative

GLP: no

Carcinogenicity

May cause cancer.

Components:

Mycophenolate mofetil:

Species : laboratory animal

Result : negative

Silica:

Species : Rat, male and female

Application Route : Oral Exposure time : 2 Years

Method : No information available.

Result : negative

GLP : No information available.

IARC No ingredient 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 OSHA specifically regulated carcinogen

Silica 7631-86-9

(crystalline silica)

NTP Known to be human carcinogen

Silica 7631-86-9

(Silica, Crystalline (Respirable Size))

Reproductive toxicity

May damage the unborn child.

Components:

Mycophenolate mofetil:



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Effects on fetal development : Species: laboratory animal

Result: Teratogenic effects.

Reproductive toxicity - As-

sessment

May damage the unborn child., Presumed human reproducti-

ve toxicant

Silica:

Effects on fertility : Species: Rat, male and female

Application Route: Oral

Dose: 100, 300, 1000 mg/kg bw/day

General Toxicity Parent: NOAEL: >= 1,000 mg/kg body weight General Toxicity F1: NOAEL: >= 1,000 mg/kg body weight

Method: OECD Test Guideline 416

GLP: yes

Effects on fetal development : Species: Mouse, female

Application Route: Oral

Dose: 13.4, 62.3, 289, 1340 mg/kg bw/day Duration of Single Treatment: 6 - 15 d

General Toxicity Maternal: LOAEL: >= 1,340 mg/kg bw/day Embryo-fetal toxicity.: NOAEL: >= 1,340 μg/kg body weight

Method: No information available. GLP: No information available.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure.

Components:

Mycophenolate mofetil:

Assessment : Causes damage to organs through prolonged or repeated

exposure.

Repeated dose toxicity

Components:

Silica:

Species : Rat, male and female

NOEL : 4000 mg/kg

Application Route : Oral Exposure time : 13 Weeks

Method : OECD Test Guideline 408

GLP : yes

Aspiration toxicity

Not classified based on available information.



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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Mycophenolate mofetil:

Toxicity to fish : NOEC (Poecilia reticulata (guppy)): 1.7 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

GLP: no

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): > 100 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

GLP: no

Remarks: nominal concentration

NOEC (Daphnia magna (Water flea)): 27.7 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

GLP: no

Remarks: average measured concentration

Toxicity to algae/aquatic

plants

ErC50 (Desmodesmus subspicatus (green algae)): 0.6 mg/l

Exposure time: 72 h Analytical monitoring: yes

Method: OECD Test Guideline 201

GLP: no

Remarks: average measured concentration

EyC50 (Desmodesmus subspicatus (green algae)): 0.2 mg/l

Exposure time: 72 h Analytical monitoring: yes

Method: OECD Test Guideline 201

GLP: no

Remarks: average measured concentration

NOEC (Desmodesmus subspicatus (green algae)): 0.1 mg/l

Exposure time: 72 h Analytical monitoring: yes

Method: OECD Test Guideline 201

GLP: no

Remarks: nominal concentration

Lowest Observed Effect Concentration (Desmodesmus sub-

spicatus (green algae)): 1.6 mg/l

Exposure time: 14 d Analytical monitoring: yes

Method: OECD Test Guideline 201

GLP: no

Remarks: nominal concentration

ErC50 (Anabaena flos-aquae (cyanobacterium)): 0.423 mg/l

Exposure time: 72 h

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Method: OECD Test Guideline 201

GLP: yes

Remarks: average measured concentration

The value is given in analogy to the following substances:

Mycophenolic acid

ErC10 (Anabaena flos-aquae (cyanobacterium)): 0.155 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201

GLP: yes

Remarks: average measured concentration

The value is given in analogy to the following substances:

Mycophenolic acid

Toxicity to fish (Chronic tox-

icity)

EC10 (Danio rerio (zebra fish)): 0.0058 mg/l

Exposure time: 34 d

Test Type: Fish early-life stage (FELS) toxicity test (OECD

210)

Method: OECD Test Guideline 210

The value is given in analogy to the following substances:

Mycophenolic acid

Toxicity to daphnia and other : aquatic invertebrates (Chron-

ic toxicity)

EC10 (Daphnia magna (Water flea)): 0.929 mg/l

Exposure time: 21 d

Method: OECD Test Guideline 211

The value is given in analogy to the following substances:

Mycophenolic acid

Toxicity to microorganisms : (activated sludge): 100 mg/l

Exposure time: 14 d Analytical monitoring: yes

Method: OECD Test Guideline 301F

GLP: no

Remarks: no adverse influence on substrate biodegradation

nominal concentration

Sodium citrate dihydrate:

Toxicity to fish : LC50 (Poecilia reticulata (guppy)): > 18,000 - 32,000 mg/l

Exposure time: 96 h

Remarks: Based on data from similar materials

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 5,600 - 10,000 mg/l

Exposure time: 48 h

Remarks: Based on data from similar materials

Toxicity to algae/aquatic

plants

EC50 (Chlorella vulgaris (Fresh water algae)): 18,000 - 32,000

mg/l

Exposure time: 96 h

Toxicity to microorganisms : EC50 (Bacteria): 1,800 - 3,200 mg/l

Exposure time: 8 h

Silica:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 5,000 mg/l



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End point: mortality Exposure time: 96 h Test Type: static test Analytical monitoring: no

Method: OECD Test Guideline 203

GLP: no

Toxicity to daphnia and other :

aquatic invertebrates

EL50 (Daphnia magna (Water flea)): > 10,000 mg/l

End point: Immobilization Exposure time: 24 h Test Type: static test Analytical monitoring: no

Method: OECD Test Guideline 202

GLP: yes

Toxicity to algae/aguatic

plants

EC50 (Desmodesmus subspicatus (green algae)): > 173.1

mg/

End point: Growth rate Exposure time: 72 h Test Type: static test Analytical monitoring: yes

Method: OECD Test Guideline 201

GLP: yes

Toxicity to daphnia and other : aquatic invertebrates (Chron-

ic toxicity)

Lowest Observed Effect Concentration (Daphnia magna (Wa-

ter flea)): 149.2 mg/l End point: mortality Exposure time: 21 d Test Type: semi-static test Analytical monitoring: yes

Method: OECD Test Guideline 211

GLP: yes

Toxicity to microorganisms : NOEC (activated sludge): 1,000 mg/l

End point: Respiration inhibition

Exposure time: 3 h
Test Type: static test
Analytical monitoring: no

Method: OECD Test Guideline 209

GLP: yes

Ecotoxicology Assessment

Toxicity Data on Soil : Not expected to adsorb on soil.

Other organisms relevant to

the environment

No data available

Persistence and degradability

Components:

Mycophenolate mofetil:

Biodegradability : aerobic

Inoculum: activated sludge, non-adapted

Concentration: 100 mg/l



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Result: Not readily biodegradable.

Biodegradation: < 6 % Exposure time: 28 d

Method: OECD Test Guideline 301F

GLP: no

Remarks: Primary biodegradation

Biodegradation: 82.2 % Testing period: 2.9 d Exposure time: 28 d

Method: OECD Test Guideline 314

GLP: yes

Remarks: Ultimate aerobic biodegradation

The value is given in analogy to the following substances:

Mycophenolic acid

Testing period: 1.7 d

Method: OECD Test Guideline 314

GLP: yes

Remarks: Primary biodegradation

The value is given in analogy to the following substances:

Mycophenolic acid

Stability in water : Hydrolysis: 50 % at37 °C(118 h)

Hydrolysis: 50 % at37 °C(19 h)

Sodium citrate dihydrate:

Biodegradability : Result: Readily biodegradable.

Biodegradation: 97 % Exposure time: 28 d

Method: OECD Test Guideline 301B

Remarks: Based on data from similar materials

Silica:

Biodegradability : Remarks: Not applicable

Bioaccumulative potential

Components:

Mycophenolate mofetil:

Partition coefficient: n- : log Pow: 1.45 octanol/water pH: 7.4

log Pow: 0.47 pH: 7.0

Sodium citrate dihydrate:

Bioaccumulation : Bioconcentration factor (BCF): 3.2

Remarks: Based on data from similar materials

Partition coefficient: n- : Remarks: No data available



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octanol/water

Silica:

Partition coefficient: n-

octanol/water

Remarks: Not applicable

Mobility in soil

Components:

Mycophenolate mofetil:

Distribution among environ-

mental compartments

Medium: Soil

Koc: 168 - 557 ml/g Kd: 2.2 - 5.5 ml/g

Method: OECD Test Guideline 106

Remarks: Mobile in soils Not expected to adsorb on soil.

Medium: Sludge Koc: 30 - 37 ml/g Kd: 9.3 - 13 ml/g

Method: OECD Test Guideline 106

Other adverse effects

Product:

Ozone-Depletion Potential

Regulation: 40 CFR Protection of Environment; Part 82 Pro-

tection of Stratospheric Ozone - CAA Section 602 Class I

Substances

Remarks: 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).

Additional ecological infor-

mation

An environmental hazard cannot be excluded in the event of

unprofessional handling or disposal.

Very toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : The product should not be allowed to enter drains, water

courses or the soil.

Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.

Dispose of as unused product.

Empty containers should be taken to an approved waste

handling site for recycling or disposal. Do not re-use empty containers.



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SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number : UN 3077

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,

N.O.S.

(Mycophenolate mofetil mixture 32%)

Class : 9
Packing group : III
Labels : 9

IATA-DGR

UN/ID No. : UN 3077

Proper shipping name : Environmentally hazardous substance, solid, n.o.s.

(Mycophenolate mofetil mixture 32%)

Class : 9 Packing group : III

Labels : Miscellaneous

Packing instruction (cargo

aircraft)

Packing instruction (passen- : 956

ger aircraft)

Environmentally hazardous : yes

IMDG-Code

UN number : UN 3077

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,

N.O.S.

956

(Mycophenolate mofetil mixture 32%)

Class : 9
Packing group : III
Labels : 9
EmS Code : F-A, S-F
Marine pollutant : yes

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

Not applicable

Domestic regulation

49 CFR

UN/ID/NA number : UN 3077

Proper shipping name : Environmentally hazardous substance, solid, n.o.s.

(Mycophenolate mofetil mixture 32%)

Class : 9
Packing group : III
Labels : CLAS

Labels : CLASS 9
ERG Code : 171
Marine pollutant : no

Special precautions for user

Remarks : No data available

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data



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Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Combustible dust

Acute toxicity (any route of exposure)

Germ cell mutagenicity Carcinogenicity Reproductive toxicity

Specific target organ toxicity (single or repeated exposure)

SARA 313 : This material does not contain any chemical components with

known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

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 SOCMI 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 does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

US State Regulations

Massachusetts Right To Know

Silica 7631-86-9

Pennsylvania Right To Know

 D-Glucitol
 50-70-4

 Mycophenolate mofetil
 128794-94-5

 Silica
 7631-86-9

Maine Chemicals of High Concern

Silica 7631-86-9



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Benzoic acid, 4-hydroxy-, methyl ester 99-76-3

Vermont Chemicals of High Concern

Benzoic acid, 4-hydroxy-, methyl ester 99-76-3

Washington Chemicals of High Concern

Benzoic acid, 4-hydroxy-, methyl ester 99-76-3

California Prop. 65

WARNING: This product can expose you to chemicals including Silica, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

California List of Hazardous Substances

Silica 7631-86-9

California Permissible Exposure Limits for Chemical Contaminants

Silica 7631-86-9

The ingredients of this product are reported in the following inventories:

AIIC : Not in compliance with the inventory

DSL : This product contains the following components that are not

on the Canadian DSL nor NDSL.

Mycophenolate mofetil

non hazardous compounds

NZIoC : Not in compliance with the inventory

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

TCSI : Not in compliance with the inventory

TSCA : Product contains substance(s) not listed on TSCA inventory.

TECI: Not in compliance with the inventory

TSCA list

No substances are subject to a Significant New Use Rule.

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

SECTION 16. OTHER INFORMATION

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NFPA 704:

Health 1 0 Instability

Special hazard

HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

NIOSH REL : USA. NIOSH Recommended Exposure Limits

OSHA CARC : OSHA Specifically Regulated Chemicals/Carcinogens

OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min-

eral Dusts

NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour

workday during a 40-hour workweek

OSHA CARC / PEL : Permissible exposure limit (PEL)
OSHA Z-3 / TWA : 8-hour time weighted average

AIIC - 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 - 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;



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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; TECI - Thailand Existing Chemicals 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 : 10-27-2022

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.

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