



Diluent for Torisel

Preparation Date 28-Mar-2007

Revision Date 09-Mar-2009

Revision Number 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Diluent for Torisel
Common Name Not available
Chemical Name Not applicable
Synonyms Torisel Diluent, Temsirolomus Diluent
Product Use Diluent for Pharmaceutical Product
Classification Not applicable

Supplier Wyeth
P.O. Box 8299
Philadelphia, PA 19101 USA.
Telephone: 1-610-688-4400

Emergency Telephone Number Chemtrec USA, Puerto Rico, Canada 1-800-424-9300
Chemtrec International 1-703-527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview		
Appearance Liquid	Physical State Liquid	Odor Slight Alcohol odor

Potential Physical Hazards Flammable liquid

Potential Health Effects

Eyes Irritating to eyes
Skin Prolonged skin contact may defat the skin and produce dermatitis
Inhalation May cause mucous membrane and upper respiratory tract irritation
Ingestion Not available
Other The most common effects may include drowsiness, flushing, nausea, difficulty breathing, headache, dizziness, irritation, mental depression, excitation, symptoms of drunkenness, impaired mental and/or physical abilities. May cause harm to the unborn child.
Therapeutic Target Organ(s) Central nervous system, liver

Ethanol listed by NTP and IARC

Potential Environmental Effects See Section 12

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name	CAS-No	Composition
Polysorbate 80	9005-65-6	39%

Common Name	CAS-No	Composition
Ethanol	64-17-5	19.4%
Polyethylene Glycol 400	25322-68-3	Remainder

4. FIRST AID MEASURES

Eye Contact	In case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical advice
Skin Contact	Wash off immediately with soap and plenty of water
Inhalation	Artificial respiration and/or oxygen may be necessary
Ingestion	Immediate medical attention is not required

5. FIRE-FIGHTING MEASURES

Flammable Properties	Flammable liquid.
Extinguishing Media	
Suitable Extinguishing Media	Use alcohol-resistant foam, dry chemical, or Carbon dioxide
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire
Fire Fighting	Evacuate area and fight fire from a safe distance
Hazardous Combustion Products	Hazardous Combustion Products
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Other Information	Flammability Class (OSHA): IC

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Safety glasses or goggles when splash potential exists
Environmental Precautions	Local authorities should be advised if a significant spill cannot be contained
Methods for Containment	Not available
Methods for Cleaning up	Take up mechanically and collect in suitable container for disposal

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice
Storage	Keep container tightly closed

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Common Name	Exposure Guideline
Ethanol	1900 mg/m ³

Engineering Controls	Apply technical measures to comply with the occupational exposure guideline
Personal Protective Equipment	
Eye/face Protection	Provide eye protection based on risk assessment.
Skin Protection	For prolonged or repeated exposure use protective gloves
Respiratory Protection	Base respirator selection on a risk assessment.
General Hygiene Considerations	When using, do not eat, drink or smoke
Other	Limit access to only personnel trained in the safe handling of this material

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid	Physical State	Liquid
Color	Yellowish	Odor	Slight Alcohol odor
Odor Threshold	Not available		
pH	Not available		
Specific Gravity	1.03	Water Solubility	Not available
Solubility	Not available	Evaporation Rate	Not available
Partition Coefficient (n-octanol/water)	Not available	Vapor Pressure	Not available
Viscosity	43 cps		
Boiling Point	Not available	Autoignition Temperature Method	Not available
Flash Point	24.44444°C		None
Melting Point	Not applicable		
Flammability Limits in Air	Upper Not applicable	Lower Not available	
Upper Not available	Lower Not available		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable at room temperature.
Conditions to Avoid	No data available
Materials to Avoid	No materials to be especially mentioned
Hazardous Decomposition Products	None under normal use.
Possibility of Hazardous Reactions	None under normal use.

11. TOXICOLOGICAL INFORMATION

Ethanol

LD50 Oral	3450 mg/kg mice 7060 mg/kg rats
Acute Dermal Irritation	Moderate irritation effect in rabbits.
Primary Eye Irritation	Severely irritating to rabbit eyes.
Sensitization	Not applicable

Multiple Dose Toxicity**Ethanol**

No Toxicologic Effect Dose/Species/Study Length:	Repeated contact can dry the skin with cracking, peeling, and itching. Repeated high exposure may affect the liver and nervous system.
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Maximum Tolerated Dose (MTD), Oral**Ethanol**

Carcinogenicity	No data available
Genetic Toxicity	May cause genetic changes.
Reproductive Toxicity	See Developmental Toxicity.
Developmental Toxicity	Repeated exposure may cause spontaneous abortions, as well as birth defects and other developmental problems (fetal alcohol syndrome).

Ethanol

Target Organ(s) of Toxicity	No data available
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12. ECOLOGICAL INFORMATION**Chemical Fate Information****Ethanol**

Mobility	May adsorb on sludge or particles in natural waters.
Biodegradability	Not available
Stability in Water	Hydrolyses in water.
Bioaccumulation	Bioaccumulative potential.

Ecotoxicity**Ethanol**

Microorganisms	EC50 > Aqueous solubility limit
Algae	EC50/72h/algae = 0.063 mg/l, NOEC = 0.015 mg/l
Daphnia	EC50/daphnia > > Aqueous solubility limit mg/l, NOEC = > Aqueous solubility limit mg/l
Fish	LC50/96h/fathead minnow > Aqueous solubility limit, NOEC > Aqueous solubility limit

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local and national regulations.

14. TRANSPORT INFORMATION

U.S. Department of Transport (DOT)	Not regulated
Canadian Transport of Dangerous Goods (TDG)	Not regulated
International Civil Aviation Organization (ICAO)	Not regulated
International Air Transport Association (IATA)	
Proper Shipping Name	Consumer Commodity
Hazard Class	9
UN-No	ID 8000
International Maritime Dangerous Goods (IMDG)/International Maritime Organization (IMO)	Not regulated
Transport of Dangerous Goods by Rail (RID)	Not regulated
Transport of Dangerous Goods by Road (ADR)	Not regulated
Transportation of Dangerous Goods via Inland Waterways (ADN)	Not regulated

15. REGULATORY INFORMATION

USA

Federal Regulations

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

This product does not contain any HAPs.

State Regulations

California Proposition 65

Ethyl alcohol (ethanol) is listed.

Canada

Not Determined

WHMIS Hazard Class

Non-controlled

European Union

Not Determined

16. OTHER INFORMATION

Prepared By	Wyeth Department of Environment, Health & Safety
Format	This MSDS was prepared in accordance with ANSI Z400.1-2004.
List of References	See Patient Package Insert for more information.
Revision Summary	Administrative

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