



Safety Data Sheet: Taxol | Fermentek

1. Identification of the substance/mixture and of the Company

Product identifiers

Product Name: (paclitaxel) Taxol | Fermentek
Catalog Number: TX
CAS Number: 33069-62-4
IUPAC Name: [2a*R*-[2aα,4β,4aβ,6α,9α(*αR**,β*S**),11α,12α,12aα,12bα]]-β-(Benzoylamino)-α-hydroxy-6,12b-*bis* (acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12,12b-dodecahydro-4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1*H*-cyclodeca[3,4]benz[1,2-*b*]oxet-9-yl ester benzenepropanoic acid

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

Recommended use: Laboratory chemicals,
Manufacture of substances
Uses advised against: Not for drug,
not to be used in humans or animals.
Not food additive

1.3 Details of the manufacturer and supplier of the safety data sheet

Company: FERMENTEK
4 Yatziv street, POB 47120
Jerusalem 97800,
Israel
Tel: +972 2 5853953
Fax: +972 2 5853943
eMail: fermentek@fermentek.com
Website: www.fermentek.com
This company is the manufacturer of the product, and the supplier of the safety data sheet

1.4 Emergency Telephone number

For chemical emergency spill, leak, fire, exposure, or accident calls CHEMTREC day or night:
Within USA and Canada: 1-800-424-9300. Outside USA and Canada: +1 703-527-3887

1.5 REACH

A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

2 Hazards identification

Classification of the substance

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [GHS/CLP]

Acute Toxicity, oral -	Category 4
Acute Toxicity, dermal -	Category 4
Serious eye damage/eye irritation –	Category 1
Acute Toxicity, inhalation -	Category 4
Sensitisation, respiratory -	Category 1
respiratory tract irritation -	Category 3
Reproductive Toxicity -	Category 2

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

Harmful by inhalation.
Harmful in contact with skin.
Harmful if swallowed.
Irritating to respiratory system.
Risk of serious damage to eyes.
May cause sensitization by inhalation.
Possible risk of impaired fertility.
Possible risk of harm to the unborn child

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008 [CLP]

Signal word:

Pictogram(s)

Danger



Hazard statements:

H302	Harmful if swallowed
H312	Harmful in contact with skin
H318	Causes serious eye damage
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H361	Suspected of damaging fertility or the unborn child

Precautionary statements:

P260	Do not breathe dust/fume/gas/mist/vapours/spray
P264	Wash hands thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P285	In case of inadequate ventilation wear respiratory protection
P301+312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P302+352	IF ON SKIN: Wash with soap and water
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+351+338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing
P308+313	If exposed or concerned: Get medical advice/attention

According to European Directive 67/548/EEC as amended

Hazard symbol(s): 

R-phrase(s):

R20 Harmful by inhalation
R21 Harmful in contact with skin
R22 Harmful if swallowed
R37 Irritating to respiratory system
R41 Risk of serious damage to eyes
R42 May cause sensitization by inhalation
R62 Possible risk of impaired fertility
R63 Possible risk of harm to the unborn child

S-phrase(s):

S22 Do not breathe dust
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28 After contact with skin, wash immediately with plenty of water
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
S38 In case of insufficient ventilation wear suitable respiratory equipment
S45 In case of accident or if you feel unwell seek medical advice immediately
S46 If swallowed, seek medical advice immediately and show this container or label
S63 In case of accident by inhalation: remove casualty to fresh air and keep at rest

2.3 Other information

Caution - substance not yet tested completely

3. Composition/Information On Ingredients

3.1 Substances

Chemical Name	EC-No	CAS-No	Weight %	Classification (Reg.)	REACH Registration Number
Taxol Fermentek (Paclitaxel)		33069-62-4	100		no data available

4 FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a doctor and show this safety data sheet.

If inhaled

Remove to fresh air and monitor breathing. If breathing becomes difficult, give oxygen. If breathing stops, give artificial respiration. Consult a doctor.

In case of skin contact

Immediately wash skin with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and shoes and wash before reuse. Consult a doctor.

In case of eye contact

Flush with copious amounts of water for at least 15 minutes. Consult a doctor.

If swallowed

Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Main symptoms: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons

No information available.

5.2 Special hazards arising from the substance or mixture

Special hazard

Thermal decomposition can lead to release of toxic and corrosive gases/vapors.

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters

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

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3 Methods and materials for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see Section 13).



7. HANDLING AND STORAGE

Precautions for safe handling

Ensure adequate ventilation.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep in properly labeled containers.

Specific end uses

Specific uses No information available.
Exposure scenario No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limits National occupational exposure limits
Derived No Effect Level No information available

8.2 Exposure controls

Engineering measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye protection	Safety glasses with side-shields.
Hand protection	Protective gloves.
Skin and body protection	Long sleeved clothing.
Respiratory protection	No special protective equipment required.
Thermal hazards	No information available
Hygiene measures	When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.
Environmental exposure controls	Do not allow material to contaminate ground water system.

9 physical and chemical properties

Physical / chemical properties

Physical State at room temperature	White or off-white Solid
Appearance	Off-white
Decomposition temperature	No information available
Viscosity, kinematic	No information available
Explosive properties	No information available



10. Stability and reactivity

10.1 Reactivity:	Stable under normal conditions
10.2 Chemical stability:	Stable under normal conditions.
10.3 hazardous reactions	Will not occur
10.4 Conditions to avoid	Heat, moisture
10.5 Incompatible materials	strong acids, oxidizers, bases
10.6 Hazardous decomposition products	
	Carbon monoxide (CO).
	Carbon dioxide (CO ₂).
	Nitrogen oxides (NO _x).

11 Toxicological information

11.1 Information on toxicological effects

mouse, intraperitoneal	LD50=128mg/kg	Organs affected: Skin and appendages (skin): hair: other	National Technical Information Service. Vol. PB83-170969
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RTECS No: WX1272100

Exposure may cause irritation of eyes, mucous membranes, upper respiratory tract and skin

12. ECOLOGICAL INFORMATION

12.1 Eco-Toxicity Ecotoxicity effects

As supplied, the preparation is not expected to present significant adverse environmental effects

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.



13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from residues / unused products

Dispose of in accordance with local regulations.

Contaminated packaging

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

14. Transport information

ADR: Not dangerous goods

IATA: Not dangerous goods

DOT: Not dangerous goods



15 Regulatory information

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

No information available.

15.2 Chemical Safety Assessment

No information available.

16. Other information

Tuesday, October 25, 2016

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

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End of SDS