

Catalogue Number(s).: TR-603-P2_LipoFluor-P2[™] Ready-to-Dilute[™], Polar Lipid and Endoplasmic Reticulum Tracing Reagent MANUFACTURER:

Biosensis Pty. Ltd.Telephone + 61 8 83527711; (800) 222-122251 West Thebarton Road, Thebarton, South Australia, 5031 Email sales@biosensis.comwww.biosensis.comRevision: January 2024

Hazardous Identification:

Dye solution: Mixture: 10 mM (OC-6-44)-bis[2-(2-pyridinyl- κ N)phenyl- κ C][6-(1H-tetrazol-5-yl- κ N1)-3-pyridinecarbonitrilato- κ N1]-iridium in DMSO.

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(continued below)





SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 Product Name: TR-603-P2

Synonyms: (OC-6-44)-bis[2-(2-pyridinyl- κ N)phenyl- κ C][6-(1H-tetrazol-5-yl- κ N1)-3-pyridinecarbonitrilato- κ N1]-iridium

 $\label{eq:chemical Name} Chemical Name \ ; (OC-6-44)-bis[2-(2-pyridinyl-\kappa N)phenyl-\kappa C][6-(1H-tetrazol-5-yl-\kappa N1)-3-pyridinecarbonitrilato-\kappa N1]-iridium$

CAS No. 2169684-98-2

EC No.

Index No. Not available.

Not available.

REACH Registration No. Not applicable.

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

Identified Use(s) PC21 Laboratory chemicals, Research and development use only

1.3 Details of the supplier of the safety data sheet

MANUFACTURER: EMERGENCY TELEPHONE NUMBERS:

Biosensis Pty. Ltd. Telephone + 61 8 83527711; (800) 222-1222

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Emergency Phone # +44 (0) 20 3885 0382 (CHEMTREC)

Other RegionsEmergency Phone Number (CHEMTREC)Europe, Middle East, Africa+44 20 3885 0382North America+1 703 527 3887Central America+52 55 8526 4930

South America +55 11 4349 1359

Asia, India, and Oceania +65 3163 8374



2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME CAS#	PERCENT
TR-603-P2 2169684-98-2	<1

3.HAZARDS IDENTIFICATION

OSHA

No known OSHA hazards.

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

Not a hazardous mixture of substance

Not a Hazar abas	
HMIS RATING	
HEALTH HAZARD	S: 0
FLAMMABILITY:	0
CHRONIC HEALTH	H HAZARDS: 0
PHYSICAL HAZAR	DS: 0
NFPA RATING	
HEALTH HAZARD	: 0
FLAMMABILITY:	0
REACTIVITY:	0
POTENTIAL HI	EALTH EFFECTS
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.

Ingestion May be harmful if swallowed.

4 FIRST AID MEASURES

ORAL EXPOSURE

Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

INHALATION EXPOSURE

If inhaled, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

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DERMAL EXPOSURE

In case of contact, immediately wash skin with soap and copious amounts of water. Contact a physician.

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EYE EXPOSURE

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Contact a physician.

5 FIRE FIGHTING MEASURES

FLAMMABILITY

Not flammable or combustible.

EXTINGUISHING MEDIA

It is suitable to use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.



SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

HAZARDOUS COMBUSTION PRODUCTS

Hazardous decomposition products formed under fire conditions, carbon oxides, nitrogen oxides and sulfur oxides.

6. ACCIDENTAL RELEASE MEASURES

METHODS FOR CLEANING UP

Absorb any spilled material quickly using absorbent pads. Wipe area to remove as much of the liquid as possible. Apply bleach to the affected area and let sit for several hours. Clean the affected area thoroughly with soap and water to remove the bleach. Collect all cleanup materials and dispose of them in accordance with local, state and federal waste disposal laws.



ENVIRONMENTAL PRECAUTIONS

Do not let product enter drains. If safe to do so prevent further leakages or spills.

PERSONAL PRECAUTIONS

Use personal protective equipment. Avoid breathing in vapors, mist or gas. Ensure adequate ventilation. Prepare evacuation sites.

7. HANDLING AND STORAGE

HANDLING

User Exposure: Do not breathe vapor. Do not get in eyes, on skin, on clothing. Wash hands thoroughly after handling.





STORAGE

<u>Suitable:</u> Keep in tightly closed container. Store in temperature between approximately 2-8 $^\circ$ C. Do not freeze.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION



ENGINEERING CONTROLS

Appropriate industrial hygiene.

PERSONAL PROTECTIVE EQUIPMENT

<u>Respiratory</u>: Where protection is desired, use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).



Hand: Compatible chemical-resistant gloves

<u>Eve</u>: Where protection is desired, use chemical safety goggles with side shades conforming to EN166.



Skin and Body: Wear a complete suit protecting against chemicals, if desired.

GENERAL HYGIENE MEASURES

Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	YELLOW
Safety data	N/A
Melting point	N/A
Boiling point	N/A
Flash point	N/A
Ignition Temperature	N/A
Lower explosion limit	N/A
Upper Explosion limit	N/A
Water Solubility	N/A
Density	N/A

10. STABILITY AND REACTIVITY

STORAGE STABILITY

Store under recommended conditions.

MATERIALS TO AVOID

Strong oxidizing agents

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HAZARDOUS DECOMPOSITION PRODUCTS

11. TOXICOLOGICAL INFORMATION

- <u>IARC:</u> No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by the IARC.
- <u>OHSA:</u> No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by the OHSA.
- <u>ACGIH:</u> No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by the ACGIH.

EDA. No component of this product present at lovels greater than or equal to 0.1%

ACUTE TOXICITY

No data available

Irritation and Corrosion

No data available

Skin Contact:	May cause skin irritation
<u>Skin</u>	May be harmful if absorbed through the skin
Absorption:	May cause eye irritation
Eye Contact:	Materials may be irritating to mucous membranes and upper respiratory
Inhalation:	tract.

ROUTE OF EXPOSURE

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)	N/A
Ecotoxicity effects	N/A
Further information on ecology	N/A
Endocrine disrupting properties N/A	
No data available	





13. DISPOSAL CONSIDERATIONS

PRODUCT

Observe all federal, state, and local environment regulations. Contact a licensed professional waste disposal service to remove this material.

CONTAMINATED PACKAGING

Dispose of as unused product.

14.TRANSPORT INFORMATION

DOT (US)	Not dangerous goods
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IMDG Not dangerous goods

IATA Not dangerous goods

15.REGULATORY INFORMATION

OSHA HAZARDS

No known OSHA hazards

SARA 302 COMPONENTS

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 313 COMPONENTS

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed threshold (De Minimis) reporting levels established by SARA Title III, Section 313

SARA 311/312 HAZARDS

No SARA hazards MASSACHUSETTS RIGHT TO KNOW COMPONENTS

	CAS-	Revision
No components are subject to the Massachusetts F	Right to Know Act	t.

PENNSYLVANIA RIGHT TO KNOW COMPONENTS





Material Bata Galety Officer Galety	Bata Office		
	CAS-No.	Revision Date	
L-α-phosphatidylcholine, hydrogenated	97281-48-6		
Cholesterol	57-88-5		
1,2-distearoyl-sn-glycero-3-phosphoethanolamine	474922-77-		
-N-[methoxy(polyethylene glycol)-2000] (ammonium			
salt) 1,2-distearoyl-sn-glycero-3-	N/A		

2169684-98-

Material Data Safety Sheet/ Safety Data Sheet (MSDS/SDS)

NEW JERSEY RIGHT TO KNOW COMPONENTS

-N-[carboxy(polyethylene glycol)-2000] (ammonium

	CAS-No.	Revision Date
L-α-phosphatidylcholine, hydrogenated Cholesterol 1,2-distearoyl-sn-glycero-3-phosphoethanolamine -N-[methoxy(polyethylene glycol)-2000] (ammonium salt) 1,2-distearoyl-sn-glycero-3- phosphoethanolamine -N-[carboxy(polyethylene glycol)-2000] (ammonium	97281-48-6 57-88-5 474922-77- N/A 2169684-98-	

CALIFORNIA PROP. 65 COMPONENTS

This product does not contain any chemicals known to the state of CA to cause cancer, birth, or other reproductive defects.

SECTION 16: OTHER INFORMATION

phosphoethanolamine

The following sections contain revisions or new statements:

LEGEND

Acronyms ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL : Derived No Effect Level EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances IATA : International Air Transport Association

IBC : Intermediate Bulk Container

ICAO : International Civil Aviation Organization IMDG : International Maritime Dangerous Goods LTEL : Long term exposure limit

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PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

RID : Regulations concerning the International Carriage of Dangerous Goods by Rail STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity UN : United Nations

vPvB : very Persistent and very Bioaccumulative

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DMSO

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

1.1 Product identifiers: TR-603-P2 buffer

Product name : Dimethyl sulfoxide

Product Number : D2438

Brand : Sigma

CAS-No. : 67-68-5

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

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet
Company : Sigma-Aldrich Inc. 3050 SPRUCE ST
ST. LOUIS MO 63103 UNITED STATES
Telephone : +1 314 771-5765
Fax: +1 800 325-5052
1.4 Emergency telephone
Emergency Phone # : 800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24

Hours/day; 7 Days/week

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids (Category 4), H227

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

2.2 GHS Label elements, including precautionary statements

Pictogram none

Signal Word Warning Hazard statement(s)

H227 Combustible liquid.

Precautionary statement(s)

P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.

P280 Wear protective gloves/ eye protection/ face protection.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.



P403 + P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Rapidly absorbed through skin.

SECTION 3: Composition/information on ingredients

3.1 Substances

Synonyms : DMSO

Methyl sulfoxide

Formula : C2H6OS

Molecular weight : 78.13 g/mol

CAS-No. : 67-68-5

EC-No. : 200-664-3

Component Classification Concentration

dimethyl sulphoxide

Flam. Liq. 4; H227 <= 100 %

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 If inhaled

After inhalation: fresh air.

In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

In case of eye contact

After eye contact: rinse out with plenty of water. Remove contact lenses.

If swallowed

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media

Water Foam Carbon dioxide (CO2) Dry powder

Unsuitable extinguishing media



For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Carbon oxides Sulfur oxides Combustible.

Vapors are heavier than air and may spread along floors. Forms explosive mixtures with air on intense heating.

Development of hazardous combustion gases or vapours possible in the event of fire.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

5.4 Further information

Remove container from danger zone and cool with water. Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

Hygiene measures

Change contaminated clothing. Wash hands after working with substance. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities Storage conditions

Tightly closed.

Hygroscopic. Store under inert gas.

Storage class

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Storage class (TRGS 510): 10: Combustible liquids

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with workplace control parameters

Component CAS-No. Value Control parameters Basis

dimethyl sulphoxide 67-68-5 TWA 250 ppm USA. Workplace Environmental Exposure Levels (WEEL)

8.2 Exposure controls

Appropriate engineering controls

Change contaminated clothing. Wash hands after working with substance.

Personal protective equipment Eye/face protection

Use equipment for eye protection tested and approved under appropriate

government standards such as NIOSH (US) or EN 166(EU). Safety glasses

Skin protection

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Full contact

Material: Chloroprene

Minimum layer thickness: 0.65 mm Break through time: 480 min Material tested:KCL 720 Camapren®

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please

contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Splash contact Material: Latex gloves

Minimum layer thickness: 0.6 mm Break through time: 240 min

Material tested:Lapren® (KCL 706 / Aldrich Z677558, Size M)

Respiratory protection

Recommended Filter type: Filter A (acc. to DIN 3181) for vapours of organic compounds

The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer.

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These measures have to be properly documented.

required when vapours/aerosols are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

Control of environmental exposure

Do not let product enter drains.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- a) Appearance Form: clear, liquid Color: clear
- b) Odor odorless
- c) Odor Threshold No data available
- d) pH Not applicable
- e) Melting

point/freezing point

f) Initial boiling point and boiling range

Melting point/range: 16 - 19 °C (61 - 66 °F) - lit.

189 °C 372 °F - lit.

- g) Flash point 87 °C (189 °F) closed cup ASTM D 93
- h) Evaporation rate No data available

i) Flammability (solid, gas)

j) Upper/lower flammability or explosive limits No data available

Upper explosion limit: 28.5 %(V) Lower explosion limit: 2.6 %(V)

- k) Vapor pressure 0.55 hPa at 20 °C (68 °F)
- I) Vapor density 2.70 (Air = 1.0)
- m) Density 1.1 g/cm3 lit. Relative density No data available
- n) Water solubility completely miscible
- o) Partition coefficient: n-octanol/water
- p) Autoignition temperature

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q) Decomposition temperature

log Pow: -1.35 at 20 °C (68 °F) - Bioaccumulation is not expected.

300 - 302 °C (572 - 576 °F) at 1,013 hPa> 190 °C (> 374 °F) -

- r) Viscosity No data available
- s) Explosive properties No data available
- t) Oxidizing properties none

9.2 Other safety information

Surface tension 43.5 mN/m at 20 °C (68 °F)

Dissociation constant 35.1

Relative vapor density 2.70 - (Air = 1.0)

SECTION 10: Stability and reactivity

10.1 Reactivity

Forms explosive mixtures with air on intense heating.

A range from approx. 15 Kelvin below the flash point is to be rated as critical.

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

10.3 Possibility of hazardous reactions

Risk of explosion with:

acetylidene organic halides perchlorates Acid chlorides

nonmetallic halides iron(III) compounds nitrates

fluorides chlorates hydrides perchloric acid

Oxides of phosphorus Nitric acid

silver compounds silicon compounds silanes

acid halides

Exothermic reaction with:

boron compounds

oxyhalogenic compounds Potassium, sodium

Strong oxidizing agents phosphorus halides strong reducing agents Acid chlorides

Strong acids silver salt nitrogen dioxide

Risk of ignition or formation of inflammable gases or vapours with: potassium permanganate

10.4 Conditions to avoid Exposure to moisture. Strong heating.

10.5 Incompatible materials No data available



10.6 Hazardous decomposition products In the event of fire: see section 5

SECTION 11: Toxicological information Information on toxicological effects Acute toxicity 11.1 LD50 Oral - Rat - male and female - 28,300 mg/kg (OECD Test Guideline 401) LC0 Inhalation - Rat - male and female - 4 h - > 5.33 mg/l - dust/mist (OECD Test Guideline 403) LD50 Dermal - Rat - male and female - 40,000 mg/kg Remarks: (ECHA) Skin corrosion/irritation Skin - Rabbit Result: slight irritation - 4 h (OECD Test Guideline 404) Serious eye damage/eye irritation Eyes - Rabbit Result: slight irritation - 24 h (OECD Test Guideline 405) Respiratory or skin sensitization Maximization Test - Guinea pig Result: negative (OECD Test Guideline 406) Local lymph node assay (LLNA) - Mouse **Result:** negative (OECD Test Guideline 429) Germ cell mutagenicity Test Type: Ames test Test system: Salmonella typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative Test Type: sister chromatid exchange assay Test system: Chinese hamster ovary cells Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 479 **Result:** negative Test Type: Mutagenicity (mammal cell test): chromosome aberration. Test system: Chinese hamster ovary cells Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 473 Result: negative

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Test Type: Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis)

Species: Rat

Application Route: Intraperitoneal Method: OECD Test Guideline 474 Result: negative

Carcinogenicity

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.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

11.2 Additional Information

Repeated dose toxicity - Rat - male and female - Oral - 18 Months - NOAEL (No observed adverse effect level) - 3,300 mg/kg - LOAEL (Lowest observed adverse effect level) - 9,900 mg/kg

Repeated dose toxicity - Monkey - male and female - Dermal - 18 Months - NOAEL (No observed adverse effect level) - >= 8,910 mg/kg - LOAEL (Lowest observed adverse effect level) - 990 mg/kg

RTECS: PV6210000

Exposure to large amounts can cause:, redness of skin, Itching, burning, sedation, Headache, Nausea, Dizziness

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Eyes - Eye disease - Based on Human Evidence Eyes - Eye disease - Based on Human Evidence

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish static test LC50 - Danio rerio (zebra fish) - > 25,000 mg/l - 96 h (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

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static test EC50 - Daphnia magna (Water flea) - 24,600 mg/l - 48 h (OECD Test Guideline 202)

Toxicity to algae static test ErC50 - Pseudokirchneriella subcapitata (green algae) - 17,000 mg/l - 72 h

(OECD Test Guideline 201)

Toxicity to bacteria EC50 - activated sludge - 10 - 100 mg/l - 30 min

(ISO 8192)

12.2 Persistence and degradability

Biodegradability aerobic - Exposure time 28 d

Result: 31 % - Not readily biodegradable. (OECD Test Guideline 301D)

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

Stability in water - 0.12 - 1.2 h at 30 °C pH 7

Remarks: Hydrolyzes readily.

SECTION 13: Disposal considerations

13.1 Waste treatment methods Product

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

SECTION 14: Transport information DOT (US)

NA-Number: 1993 Class: NONE Packing group: III

Proper shipping name: Combustible liquid, n.o.s. (dimethyl sulphoxide) Reportable Quantity (RQ):

Poison Inhalation Hazard: No

IMDG

Not dangerous goods

IATA

Not dangerous goods



SECTION 15: Regulatory information SARA 302 Components

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

SARA 313 Components

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.

SARA 311/312 Hazards

Fire Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act. A REACH chemical safety assessment has not been carried out

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

Acronyms ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

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IBC : Intermediate Bulk Container

ICAO : International Civil Aviation Organization IMDG : International Maritime Dangerous Goods LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

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vPvB : very Persistent and very Bioaccumulative

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