



MATERIAL SAFETY DATA SHEET

Product:

063542 L-Threonine OQ/PQ Kit, 1 mL Vials
(1 vial each of 1, 2, 4, and 8 µM concentration and 2 vials of 10 µM concentration)

DIONEX Corporation
1228 Titan Way
P.O. Box 3603
Sunnyvale, California 94088-3603

Emergency Phone: 1-800-424-9300 (CHEMTREC)
Information Phone: (408) 737-0700
Date Prepared: 7/1/2009

The following information is believed to be accurate and is currently the best information available to us. However, we make no warranties, expressed or implied, with respect to the information supplied and we assume no liability resulting from its use.

2. HAZARDOUS IDENTIFICATION

HAZARD CLASS	Not Hazardous	NFPA	HMIS
Eyes:		HEALTH 0	0
Skin:		FLAMMABILITY 0	0
Ingestion:		REACTIVITY 0	0
Inhalation:		NFPA SPECIAL HMIS PPE -	-

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	Water	L-Threonine	L-Threonine	L-Threonine	L-Threonine	L-Threonine
NOMINAL CONCENTRATION	-	1 µM	2 µM	4 µM	8 µM	10 µM
PERCENT (%)	> 99.9 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %
CAS NO.	7732-18-5	72-19-5	72-19-5	72-19-5	72-19-5	72-19-5
EINECS NO.	231-791-2	200-774-1	200-774-1	200-774-1	200-774-1	200-774-1
RISKS	-					
SAFETY	-					

4. FIRST AID MEASURES

GENERAL: Not hazardous

EYES: Flush thoroughly with water

SKIN:

INHALATION:

INGESTION:

5. FIRE FIGHTING MEASURES

UNUSUAL FIRE AND EXPLOSION: None

HAZARDS: Not Applicable

EXTINGUISHING MEDIA: Carbon Dioxide, Foam, Dry Chemical
(Note: Carbon Dioxide is one of the decomposition products)



MATERIAL SAFETY DATA SHEET

SPECIAL FIRE FIGHTING PROCEDURES: Although the product is not combustible, firefighters subject to products of combustion should wear full-protective clothing including self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Not Applicable

7. HANDLING AND STORAGE

Store between 2 ° C and 8 ° C
Keep container tightly closed

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Not Applicable



MATERIAL SAFETY DATA SHEET

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear
ODOR: None
pH: Neutral
MOLECULAR WEIGHT: 119.12
MELTING POINT: Not Applicable
BOILING POINT: Approximately 100 degrees C
AUTOIGNITION TEMPERATURE: Not Applicable
FLASH POINT: Not Applicable
LOWER EXPLOSION LIMIT: Not Applicable
UPPER EXPLOSION LIMIT: Not Applicable
SPECIFIC GRAVITY: Approximately 1

10. STABILITY & REACTIVITY

STABILITY/CONDITIONS TO AVOID: Stable
INCOMPATIBILITY (MATERIALS TO AVOID): Not Applicable
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon dioxide, carbon monoxide and nitrogen oxides
HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGY INFORMATION

PRODUCT TOXICOLOGY INFORMATION:

SYMPTOMS AND SIGNS OF EXPOSURE: Not Applicable
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Unknown
EMERGENCY AND FIRST AID PROCEDURES: Not Applicable
CARCINOGENICITY: Not Applicable
RTECS #: No data found
ACGIH TLV TWA: No data found
OSHA PEL: No data found
NTP: No data found
IARC Monographs: No data found



MATERIAL SAFETY DATA SHEET

HAZARDOUS COMPONENT TOXICOLOGY INFORMATION:

Hazardous Components:	Water	L-Threonine
RTECS #	ZC0110000	Not Found
OSHA PEL	Not Found	Not Found
ACGIH TLV	Not Found	Not Found
TOXICITY DATA	None	Not Found

12. ECOLOGICAL INFORMATION

No information is found on environmental toxicity for this solution

13. DISPOSAL CONSIDERATIONS

Contact local hazardous materials or chemical waste disposal agency for regulations.

14. TRANSPORT INFORMATION

IATA CLASSIFICATION: Not Regulated

UN ID NUMBER: -
PROPER SHIPPING NAME: -
CLASS OR DIVISION: -
SUB RISK: -
HAZARD LABEL(S): -
PACKAGING GROUP: -
LIMITED QUANTITY PKG INSTRUCTION: -
MAXIMUM LIMITED QUANTITY: -
SPECIAL PROVISIONS: -
ERG CODE: -
TRAINING: -
VARIATIONS: -

15. REGULATORY INFORMATION

PRODUCT RISK STATEMENTS:
PRODUCT SAFETY STATEMENTS:

16. OTHER INFORMATION