

Material Safety Data Sheet

Conforms to 93/112/EC and ISO 11014-1

Responsible Name MSDS Specialist

? Section 1. Chemical Product and Company Identification**Product Name** Liquid Media**Product no.** 30030 89984 89985

Supplier In USA:
Thermo Fisher Scientific
P.O. Box 117
Rockford, IL 61105
USA
815.968.0747 or
1.800.874.3723

In Europe:
Perbio Science
Industriezone III
Industrielaan 27
9320 Erembodegem-Aalst
Belgium
Tel: +32 53 83 44 04
Fax: +32 53 83 76 38

Manufacturer Pierce
3747 N. Meridian Road
P.O. Box 117
Rockford, IL 61105
USA
815.968.0747 or
1.800.874.3723
(815)968-7316 fax
www.thermo.com

In case of emergency CHEMTREC:
800.424.9300
OUTSIDE US:
703.527.3887

Print date 4/13/2007**Validation date** 4/13/2007**MSDS#** 7592

Use of the substance/preparation Refer to the instruction booklet for proper and intended use. Otherwise, contact supplier for specific applications.

Section 2. Composition, Information on Ingredients**Substance/preparation** : Substance

No hazardous ingredient according to 29 CFR 1910.1200 Hazard Communication Standard (USA) and Directives 1999/45/EC-2001/59/EC (EU)

Section 3. Hazards identification

United States Review the most current and approved institutional guideline, protocol, standard operating procedure(s) and MSDS(s) for the proper handling of institutional materials/equipment associated with the use of this product.

Emergency overview No specific hazard.**Routes of entry** Eye contact. Inhalation. Ingestion.**Potential acute health effects****Eyes** No known significant effects or critical hazards.**Skin** No known significant effects or critical hazards.**Inhalation** No known significant effects or critical hazards.**Ingestion** No known significant effects or critical hazards.**Potential chronic health effects****Carcinogenic effects** **CARCINOGENIC EFFECTS:** Not available.**MUTAGENIC EFFECTS:** Not available.**TERATOGENIC EFFECTS:** Not available.

Medical conditions aggravated by overexposure Repeated or prolonged exposure is not known to aggravate medical condition.

Over-exposure signs/symptoms Not available.**Europe****Classification** Not classified.**Physical/chemical hazards** Not applicable.**Human health hazards** Not applicable.**Environmental hazards** Not applicable.

See toxicological Information (section 11)

Continued on Next Page

Section 4. First aid measures

Effects and symptoms

<i>Inhalation</i>	Not available.
<i>Ingestion</i>	Not available.
<i>Skin contact</i>	Not available.
<i>Eye contact</i>	Not available.
<i>Aggravating conditions</i>	Repeated or prolonged exposure is not known to aggravate medical condition.

First-Aid measures

<i>Inhalation</i>	If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
<i>Ingestion</i>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
<i>Skin contact</i>	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
<i>Eye contact</i>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
<i>Notes to physician</i>	Not available.
<i>Protection of first-aiders</i>	Not available.



Section 5. Fire fighting measures

<i>Flammability of the product</i>	May be combustible at high temperature.
<i>Flash Points</i>	Not available.
<i>Fire hazards in presence of various substances</i>	Not available.
<i>Fire fighting media and instructions</i>	Use an extinguishing agent suitable for surrounding fires.
<i>Protective clothing (fire)</i>	Be sure to use an approved/certified respirator or equivalent.
<i>Hazardous thermal decomposition products</i>	Not available.

Section 6. Accidental release measures

<i>Personal precautions</i>	Safety glasses. Lab coat.
<i>Environmental precautions and clean-up methods</i>	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
<i>Small spill and leak</i>	Absorb with an inert material and put the spilled material in an appropriate waste disposal.



Section 7. Handling and storage

<i>Handling</i>	Wash thoroughly after handling.
<i>Storage</i>	Keep container tightly closed. Keep container in a cool, well-ventilated area.
<i>Intended Use</i>	Refer to the instruction booklet for proper and intended use. Otherwise, contact supplier for specific applications.
<i>Packaging materials</i>	
<i>Suitable / Not suitable</i>	Use original container.

Continued on Next Page

Section 8. Exposure Controls, Personal Protection

Engineering Controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the workstation location.

Exposure Limit Values

Ingredient Name

Occupational Exposure Limits

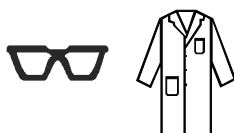
United States

Personal Protection

Eyes Safety glasses.

Body Lab coat.

Protective Clothing
(Pictograms)



Section 9. Physical and chemical properties

Physical State Liquid.

Color Colorless. Red. Yellow.

Odor Not available.

Molecular weight Not available.

Taste Not available.

Dispersion properties Not available.

Solubility Not available.



Section 10. Stability and reactivity

Stability and Reactivity The product is stable.

Conditions to avoid Not available.

Materials to avoid Not available.

Hazardous polymerization Will not occur.

Hazardous Decomposition Products Not available.



Section 11. Toxicological information

Toxicity to Animals **Liquid Media**
LD50: Not available.
LC50: Not available.

Chronic Effects on Humans Not available.

Other Toxic Effects on Humans No specific information is available in our database regarding the other toxic effects of this material for humans.

Special Remarks on Toxicity to Animals Not available.

Special Remarks on Chronic Effects on Humans Not available.

Special Remarks on Other Toxic Effects on Humans Not available.

Continued on Next Page

Liquid Media

Page: 4/6

Carcinogenicity No known significant effects or critical hazards.

Mutagenicity No known significant effects or critical hazards.

Reproductive toxicity No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation No known significant effects or critical hazards.

Ingestion No known significant effects or critical hazards.

Skin No known significant effects or critical hazards.



Section 12. Ecological information

Mobility Not available.

Persistence/degradability Not available.

Bioaccumulative potential Not available.

Ecotoxicity Not available.

Germany water class VCI WGK: No products were found.

Ecotoxicity data

<u><i>Ingredient name</i></u>	<u><i>Species</i></u>	<u><i>Period</i></u>
-------------------------------	-----------------------	----------------------

Other ecological information

Persistence/degradability

<u><i>Ingredient name</i></u>	<u><i>BOD₅</i></u>	<u><i>COD</i></u>
-------------------------------	-------------------------------	-------------------

<u><i>Ingredient name</i></u>	<u><i>Aquatic half-life</i></u>	<u><i>Photolysis</i></u>
-------------------------------	---------------------------------	--------------------------

Bioaccumulative potential

<u><i>Ingredient name</i></u>	<u><i>LogP_{ow}</i></u>	<u><i>BCF</i></u>
-------------------------------	---------------------------------	-------------------

Mobility : Not available.

Other adverse effects : No known significant effects or critical hazards.



Section 13. Disposal considerations

Waste Stream Not available.

Methods of disposal The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

European waste catalogue (EWC) Not available.

Hazardous waste To present knowledge of the supplier, this product is not regarded as hazardous waste as defined by EU Directive 91/689/EC.

Denmark – Carcinogenic waste Not available.

Denmark - Waste card number Not available.

Denmark - Waste group Not available.

Sweden - thermoset plastic waste Not available.

Sweden - Waste group Not available.

Continued on Next Page

Liquid Media

Page: 5/6

[Austria - Waste catalogue](#) Not available.

[Norway - Waste number](#) Not available.

[Norway - Hazardous waste](#) To present knowledge of the supplier, this product is not regarded as hazardous waste as defined by SFT's Directive on special waste.

[Switzerland - Waste code](#) Not available.

Section 14. Transport information

Contact the supplier for all information regarding the proper transportation method for this material.

Section 15. Regulatory information

Label Requirements (Europe)

This product is not classified according to the EU regulations.

HCS Classification

--

[U.S. Federal Regulations](#) TSCA: No products were found.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: No products were found.

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 accidental release prevention: No products were found.

Clean air act (CAA) 112 regulated flammable substances: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

[State regulations](#) No products were found.

[WHMIS \(Canada\)](#) Not controlled under WHMIS (Canada).

No products were found.

International Regulations

[EINECS](#) Not available.

[DSCL \(EEC\)](#) This product is not classified according to the EU regulations.

[International Lists](#) No products were found.

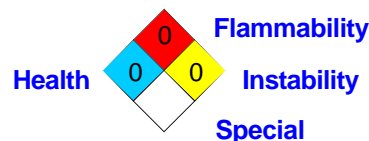
[State Regulations](#) No products were found.

Section 16. Other information

**Hazardous Material
Information System
(U.S.A.)**

Health	1
Fire hazard	0
Reactivity	0
Personal protection	C

**National Fire Protection
Association (U.S.A.)**



[References](#) Not available.

[History of Document Changes](#) Any information changes since last document version are marked with a triangle symbol.

Continued on Next Page

Intended Use Refer to the instruction booklet for proper and intended use. Otherwise, contact supplier for specific applications.

Validated by MSDS Specialist on 4/13/2007.	Verified by MSDS Specialist.	Date of previous issue	No Previous Validation
	Printed 4/13/2007.	Version	2

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.