



MATERIAL SAFETY DATA SHEET
KEMESTER® 205

Version:	1
Date Of Issue:	02/29/2008
Date Printed:	5/14/2008

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : KEMESTER® 205

Chemical name: Methyl oleate

Use of substance/preparation: Chemical intermediate

Supplier: PMC Biogenix Inc.
1231 Pope Street
Memphis, TN 38108 USA

Emergency telephone number: CHEMTREC (24 hours) 800-424-9300

Environmental, Health and Safety Department: 901-320-5883

Customer Service: 800-641-2152

Prepared by Product Safety Department **Date of Issue:** 02/29/2008

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

NORMAL PRECAUTIONS COMMON TO SAFE MANUFACTURING PRACTICE SHOULD BE FOLLOWED IN HANDLING AND STORAGE.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	% BY WEIGHT
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Methyl oleate
CAS# 112-62-9



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4. FIRST AID MEASURES

Swallowing

Do not induce vomiting. Obtain medical attention.

Inhalation

Remove to fresh air.

Skin contact

Wash skin with soap and water.

Eye contact

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention if discomfort persists.

5. FIRE-FIGHTING MEASURES

Flash point: 325 °F 163 °C

Hazardous combustion products

Carbon monoxide.
Carbon dioxide.

Special protective equipment for firefighters

Use self-contained breathing apparatus when fighting fires in enclosed areas.

Extinguishing media

Suitable: Extinguish with:
 - water fog
 - dry chemical
 - CO2
 - foam

Unsuitable: High volume water jet.
 Fatty material will float.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions

Avoid runoff to sewers or waterways., Insoluble in water.

Methods for cleaning up

Absorb on inert material such as sand, earth, vermiculite.
Collect in suitable containers.

7. HANDLING AND STORAGE

HANDLING

Handling precautions

Do not get in eyes, on skin, on clothing., Keep drums tightly closed to prevent contamination., Wear recommended personal protection equipment., Never use pressure to empty drums.



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STORAGE

Storage requirements

Store and use with adequate ventilation., Store at ambient temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

PERSONAL PROTECTION

Respiratory protection

No special respiratory protection is normally required.

Hand protection / protective gloves

Neoprene

Eye protection

Safety glasses.

Skin protection

Rubber or plastic apron

ENGINEERING CONTROLS

Ventilation

General (mechanical) room ventilation is expected to be satisfactory for normal handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical state	Liquid
Color	Light yellow
Odor	Mild sweet

OTHER PROPERTIES

Boiling point	> 260 °C > 500 °F
Melting point	Not available
Density	0.88 g/cm ³ at 25 °C
Vapor pressure	
Solubility in water	Insoluble
Flash point	325 °F 163 °C Method: Cleveland open cup ASTM D 92
Percent volatiles	0 %(m)



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10. STABILITY AND REACTIVITY

Stability: Stable.

Stability - Conditions to avoid:
Stable under normal conditions.

Incompatible materials:
Strong oxidizing agents.

Hazardous combustion products:
Carbon monoxide.
Carbon dioxide.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

SWALLOWING

Acute effects
May be harmful if swallowed.

Test results

Acute toxicity: LD50 Rat
Result: > 20.0 ml/kg
Remark: no toxicity

SKIN ABSORPTION

Acute effects
Harmful effects are not expected from short periods of contact.

INHALATION

Acute effects
Short-term harmful health effects are not expected from vapor generated at ambient temperature.

SKIN CONTACT

Acute effects
Brief contact is not expected to produce irritation.

Test results

Skin irritation: Species: Rabbit
Exposure time: 4.0 h
Result: Very slight irritation
Classification: Not irritating

EYE CONTACT

Acute effects
May cause mild discomfort.



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12. ECOLOGICAL INFORMATION

Not expected to be acutely toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

General: It is our opinion this product is not a RCRA hazardous waste. It is the generator's responsibility to make their own determination as to the RCRA status of waste they generate. We have not performed a Toxicity Characteristic Leachate Procedure (TCLP) on this product., Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations.

Non-cleaned packages

Dispose of washing solution in the same way as product.

14. TRANSPORT INFORMATION

DOT Classification

This product is not regulated by DOT.

IMDG Classification

This product is not regulated by IMDG.

ICAO Classification

This product is not regulated by ICAO.

15. REGULATORY INFORMATION

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RO's) in 40CFR302.4.

Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPO's) and release reporting based on Reportable Quantities (RO's) in 40CFR355 (used for SARA 302 and 304).

Components present in this product at a level which could require reporting under the statute are:

None.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in MSDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:

None.

New Jersey Worker and Community Right-To-Know Act (Labeling Requirements)

Chemical name

CAS#

New Jersey TS Number



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EPA Hazard Categories (SARA 311, 312): None

CHEMICAL INVENTORY

Canada: This product is on the DSL.
Europe: This product is on the EINECS inventory. 203-992-5
United States: This product is on the TSCA inventory.
Australia: This product is on the AICS inventory.
China: This product is on the IECSC Inventory.
Japan: This product is on the ENCS inventory.
Korea: This product is listed on the Existing Chemicals List (ECL).
Philippines: This product is on the PICCS.

16. OTHER INFORMATION

HMIS RATING

Health: 1	Flammability: 1	Reactivity: 0	PPI:
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STP	Standard temperature and pressure
W/W	Weight/Weight
0 (HMIS)	0 (HMIS)
1 (HMIS)	Slight hazard
2 (HMIS)	Moderate hazard
3 (HMIS)	Serious hazard
4 (HMIS)	Severe hazard
X (HMIS)	Personal protection rating to be supplied by user depending on use conditions

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