# SIGMA-ALDRICH

# **Material Safety Data Sheet**

Version 4.0 Revision Date 07/21/2010 Print Date 03/28/2011

1. PRODUCT AND COMPANY IDENTIFICATION			
Product name	: Wheat germ oil		
Product Number Brand	: W1000 : Sigma		
Company	: Sigma-Aldrich 3050 Spruce Street SAINT LOUIS MO 63103 USA		
Telephone Fax Emergency Phone #	: +18003255832 : +18003255052 : (314) 776-6555		

# 2. HAZARDS IDENTIFICATION

# **Emergency Overview**

#### OSHA Hazards No known OSHA hazards

HMIS Classification Health hazard: Flammability: Physical hazards:	0 0 0
NFPA Rating Health hazard: Fire: Reactivity Hazard:	0 0 0
Potential Health Effects	
Inhalation Skin Eyes Ingestion	May be harmful if inhaled. May cause respiratory tract irritation. May be harmful if absorbed through skin. May cause skin irritation. May cause eye irritation. May be harmful if swallowed.

# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

CAS-No.	EC-No.	Index-No.	Concentration
Oils, wheat			
68917-73-7	-	-	-

# 4. FIRST AID MEASURES

# If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

# In case of skin contact

Wash off with soap and plenty of water.

# In case of eye contact

Flush eyes with water as a precaution.

## If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

# **5. FIRE-FIGHTING MEASURES**

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

# Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

# 6. ACCIDENTAL RELEASE MEASURES

# Personal precautions

Avoid breathing vapors, mist or gas.

#### **Environmental precautions** Do not let product enter drains.

### **Methods and materials for containment and cleaning up** Keep in suitable, closed containers for disposal.

# 7. HANDLING AND STORAGE

#### Precautions for safe handling

Normal measures for preventive fire protection.

#### Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

#### Personal protective equipment

## **Respiratory protection**

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

# Eye protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin and body protection

impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Hygiene measures

General industrial hygiene practice.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance

Melting point

Form	liquid
Safety data	
рН	no data available

no data available

Boiling point	no data available
Flash point	no data available
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Density	0.93 g/mL at 25 °C (77 °F)
Water solubility	no data available

# **10. STABILITY AND REACTIVITY**

#### Chemical stability

Stable under recommended storage conditions.

# Conditions to avoid no data available

# Materials to avoid

Strong oxidizing agents

### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

# **11. TOXICOLOGICAL INFORMATION**

#### Acute toxicity no data available

Skin corrosion/irritation Skin - rabbit - Mild skin irritation

Serious eye damage/eye irritation Eyes - rabbit - Mild eye irritation

#### **Respiratory or skin sensitization** no data available

#### Germ cell mutagenicity

# Carcinogenicity

- IARC: 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 IARC.
- ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- NTP: No component 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 identified as a carcinogen or potential carcinogen by OSHA.

# **Reproductive toxicity**

# Specific target organ toxicity - single exposure (GHS)

# Specific target organ toxicity - repeated exposure (GHS)

# Aspiration hazard

# Potential health effects

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.

# **12. ECOLOGICAL INFORMATION**

#### Toxicity

no data available

Persistence and degradability no data available

# Bioaccumulative potential

Mobility in soil

**PBT and vPvB assessment** no data available

#### Other adverse effects

no data available

# 13. DISPOSAL CONSIDERATIONS

#### Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

# **Contaminated packaging**

Dispose of as unused product.

# **14. TRANSPORT INFORMATION**

**DOT (US)** Not dangerous goods

IMDG Not dangerous goods

#### IATA Not dangerous goods

# **15. REGULATORY INFORMATION**

**OSHA Hazards** No known OSHA hazards

#### **DSL Status**

All components of this product are on the Canadian DSL list.

#### 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 the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

# SARA 311/312 Hazards

No SARA Hazards

# Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

# Pennsylvania Right To Know Components

Oils, wheat	CAS-No. 68917-73-7	Revision Date
New Jersey Right To Know Components		Devision Date
Oils, wheat	CAS-No. 68917-73-7	Revision Date

# California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

# **16. OTHER INFORMATION**

# **Further information**

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