



# SILVER FERN CHEMICAL, INC.

## Safety Data Sheet

### Methyl Acetate

#### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

##### 1.1 Product identifier

**Product Name:** Methyl Acetate

**Product Code(s):** METAC-BULK, METAC-DRUM

**Synonym(s):** Acetic acid, methyl ester; Methyl acetic ester; Methyl ethanoate

**REACH Registration Number:** No data available at this time.

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

**General use:** Industrial applications

**Uses advised against:** None known

##### 1.3 Details of the supplier and of the safety data sheet

**Manufacturer/Distributor**

Silver Fern Chemical, Inc.

2226 Queen Anne Avenue North

Suite C

Seattle, WA 98109 USA

1-866-282-3384

Website - [www.silverfernchemical.com](http://www.silverfernchemical.com); email address - [info@silverfernchemical.com](mailto:info@silverfernchemical.com)

##### 1.4 Emergency telephone number: INFO-TRAC +1-800-535-5053; Outside USA & Canada +1-352-323-3500

#### SECTION 2 - HAZARDS IDENTIFICATION

##### 2.1 Classification of substance or mixture

**Product definition:** Substance

**Classification in accordance with 29 CFR 1910 (OSHA HCS) and Regulation EC No. 1272/2008**

Flammable liquid - Category 2 [H225]

Eye Irritant - Category 2A [H319]

Specific target organ toxicity, single exposure - Category (STOT SE 3) [H336]

##### 2.2 Label Elements

**Hazard Symbol(s):**



GHS02



GHS07

**Signal Word:** Danger

**Hazard Statement(s):**  
H225 - Highly flammable liquid and vapor  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness.

**Precautionary Statements:**

**[Prevention]**

P210 - Keep away from heat, sparks, open flames and hot surfaces. No smoking.

P233 - Keep container tightly closed.

P240 - Ground and bond container and receiving equipment.

P241 + P242 - Use explosion-proof electrical, ventilating, lighting and mixing equipment. Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

P261 - Avoid breathing fumes, mists, vapors and spray.

P264 - Wash hands thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves, protective clothing, eye protection and face protection.

**[Response]**

P303 + P361 + P353 - IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water or shower.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue rinsing.

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.

P312 - Call a POISON CENTER or a doctor if you feel unwell.

P370 + P378 - In case of fire: Use water fog or spray, foam, dry chemical or carbon dioxide for extinction.

**[Storage]**

P405 + P403 + P235 - Store locked up in well-ventilated place. Keep cool.

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

Repeated exposure may cause skin dryness or cracking

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

% by Weight	Ingredient	CAS Number	EC Number	Annex Number	GHS Classification
100	Methyl Acetate	79-20-9	201-185-2	607-021-00-X	H225, H319, H336

**3.2 Mixtures**

Not applicable

There are no ingredients present in this product which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

**SECTION 4 - FIRST AID MEASURES****4.1 Description of first aid measures**

**Inhalation:** If product mist or vapor causes respiratory irritation or distress, move the exposed person to fresh air immediately. If breathing is difficult or irregular, administer oxygen; if respiratory arrest occurs, start artificial respiration by trained personnel. If unconscious, maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Contact a doctor, paramedical personnel or Poison Control Center if the victim feels unwell.

**Eyes:** Immediately flush eyes with large amounts of water or saline solution for at least 15 minutes, occasionally lifting the upper and lower lids. Remove contact lenses, if present and easy to do, after first 2 minutes and continue rinsing. If irritation persists, seek medical advice, preferably from an ophthalmologist.

**Skin:** Flush skin with large amounts of water while removing contaminated clothing. Wash the affected area with soap and water and continue rinsing. Wash contaminated clothing and shoes thoroughly before reuse. If irritation persists, seek medical attention.

**Ingestion:** Rinse mouth with water if the victim is conscious. Remove dentures, if present. DO NOT induce vomiting unless directed to do so by medical personnel. Vomiting may occur spontaneously. To prevent aspiration of material into the lungs, lay the victim on one side with the head lower than the waist. Never give anything by mouth to an unconscious or convulsing person. Do not leave the victim unattended. Seek immediate medical attention or call a Poison Control Center.

**4.2 Most important symptoms and effects, both acute and delayed****Potential health symptoms and effects**

**Eyes:** Causes serious eye irritation with inflammation, itching, swelling, pain and blurred vision.

**Skin:** May cause skin irritation with localized redness, itching and discomfort. Prolonged contact may cause defatting of the skin and dermatitis. May be harmful if absorbed through the skin.

**Inhalation:** Inhalation of mist or vapor causes irritation of the upper respiratory tract. Symptoms may include headache, cough, shortness of breath, dizziness, narcosis, drowsiness, unconsciousness and possibly death. May cause central nervous system depression. May be harmful if inhaled.

**Ingestion:** Causes irritation of the digestive tract with nausea and vomiting. May cause central nervous system depression. Exposure may cause degeneration of the optic nerve, resulting in impaired vision. Symptoms may be delayed. May be harmful if swallowed.

**Chronic:** Prolonged or repeated skin contact may cause defatting of the skin and dermatitis.

**4.3 Indication of any immediate medical attention and special treatment needed****Advice to Doctor and Hospital Personnel**

Treat symptomatically and supportively.

**SECTION 5 - FIRE FIGHTING MEASURES****5.1 Extinguishable media**

**Suitable methods of extinction:** Use extinguishing media such as water spray or fog, carbon dioxide, foam and dry chemical.

**Unsuitable methods of extinction:** Water jets or streams may spread the fire.

**5.2 Special hazards arising from the substance or mixture**

Highly flammable liquid and vapor! Vapors are heavier than air and can travel along the ground to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas. Exposure to ignition sources or electronic devices (e.g. cell phones) can ignite vapors, causing a flash fire. Closed containers may explode due to the buildup of pressure when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent or may be delayed. Obtain medical attention.

**Explosion hazards:** Avoid sources of ignition. Vapors may form an explosive mixture with air, especially in confined spaces.

**5.3 Advice for firefighters**

Firefighters should wear full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. If possible, firefighters should control runoff to prevent environmental contamination.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Evacuate non-essential personnel. Ventilate the area. Remove all sources of ignition. Wear appropriate protective clothing and equipment designated in Section 8.

### 6.2 Environmental precautions

Avoid dispersal of spilled material or runoff and prevent contact with soil and entry into drains, sewers or waterways.

### 6.3 Methods and materials for containment and cleaning up

Clean up spills immediately. Cover drains and contain spill. Cover spill with a large quantity of inert absorbent. Do not use combustible material such as sawdust. Collect material using non-sparking tools and place into an approved container(s) for proper disposal. Observe possible material restrictions (Sections 7.2 and 10.5). Do not allow material or runoff from rinsing contaminated areas to enter floor drains or storm drains and ditches that lead to waterways. Dispose of via a licensed waste disposal contractor.

### 6.4 Reference to other sections

For indications about waste treatment, see Section 13.

## SECTION 7 - HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Wear all appropriate personal protective equipment specified in Section 8. Do not get in eyes or on skin or clothing. Do not inhale mist or vapor. No smoking. If normal use of material presents a respiratory hazard, use only adequate ventilation or wear an appropriate respirator.

#### Advice on protection against fire and explosion

Avoid sources of ignition. Vapors may form an explosive mixture with air, especially in confined spaces.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in dry, cool, well-ventilated areas away incompatible materials (see Section 10.5), food and drink. Keep away from heat and ignition sources. Transfer only to approved containers having correct labeling. Keep containers tightly closed when not in use. Protect containers against physical damage. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Containers are hazardous when empty as they contain product residues. Use appropriate containment to avoid environmental contamination. Ventilate closed areas. Do not take take internally. Keep locked up and out of reach of children.

### 7.3 Specific end uses

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

#### Occupational exposure limits

CAS Number	Ingredient	OSHA PEL - TWA	ACGIH TLV	NIOSH
79-20-9	Methyl Acetate	200 ppm; 610 mg/m <sup>3</sup>	200 ppm TWA; 250 mg/m <sup>3</sup> STEL	200 ppm; 610 mg/m <sup>3</sup> TWA 3,100 ppm IDLH

### 8.2 Exposure controls

**Engineering measures:** Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. Use adequate ventilation. Local exhaust is preferable.

**Individual protection measures:** Wear protective clothing to prevent repeated or prolonged contact with product. Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the representative supplier.

**Hygiene measures:** Facilities storing or using this material should be equipped with an eyewash station and safety shower. Change contaminated clothing. Preventive skin protection is recommended. Wash hands thoroughly after use, before eating, drinking, smoking or using the lavatory.

**Eye/face protection:** Wear safety glasses with unperforated side shields or protective splash goggles during use.

**Hand Protection:** Wear gloves recommended by glove supplier for protection against materials in Section 3. Gloves should be impermeable to chemicals and oil. Breakthrough time of selected gloves must be greater than the intended use period.

**Skin protection:** Wear protective clothing. Wear protective boots if the situation requires.

**Respiratory protection:** Always use an approved respirator when vapor/aerosols are generated. Where risk assessment shows air-purifying respirators are appropriate use a full-faced respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

**Environmental exposure controls:** Do not empty into drains.

*PPE must not be considered a long-term solution to exposure control. PPE usage must be accompanied by employer programs to properly select, maintain, clean fit and use. Consult a competent industrial hygiene resource to determine hazard potential and/or the PPE manufacturers to ensure adequate protection.*



## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Clear, colorless liquid
<b>Odor</b>	Faint, pleasant
<b>Odor Threshold</b>	180 ppm
<b>Molecular Weight</b>	74.08 g/mol
<b>Molecular Formula</b>	C <sub>3</sub> H <sub>6</sub> O <sub>2</sub>
<b>pH</b>	No data available
<b>Freezing/Melting Point, Range</b>	-98 °C (-144 °F) <i>literature</i>
<b>Initial Boiling Point</b>	57 - 58 °C (135 - 136 °F) <i>literature</i>
<b>Evaporation Rate</b>	11.8 (n-BuOAc = 1)
<b>Flammability (solid, gas)</b>	Not applicable
<b>Flash Point</b>	-13 °C (9 °F)
<b>Autoignition Temperature</b>	505 °C (941 °F)
<b>Decomposition Temperature</b>	No data available
<b>Lower Explosive Limit (LEL)</b>	3% (v)
<b>Upper Explosive Limit (UEL)</b>	16% (v)
<b>Vapor Pressure</b>	163 mm Hg @ 20 °C
<b>Vapor Density</b>	2.8 (Air = 1)
<b>Specific Gravity</b>	0.86
<b>Viscosity</b>	<1 mPa·s
<b>Solubility in Water</b>	319 g/l @ 20 °C
<b>Partition Coefficient: n-octanol/water</b>	log Pow = 0.18
<b>Oxidizing Properties</b>	Not applicable
<b>Explosive Properties</b>	Not applicable
<b>Volatiles by Weight @ 21 °C</b>	100%

### 9.2 Other data

No data available

## SECTION 10 - STABILITY AND REACTIVITY

### 10.1 Reactivity

No special reactivity has been reported.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4 Conditions to avoid

Heat, flames, sources of ignition and contact with incompatible materials.

### 10.5 Incompatible materials

Oxidizing agents, acids, bases

### 10.6 Hazardous decomposition products

Thermal decomposition products include oxides of carbon.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute Oral Toxicity

LD<sub>50</sub>, rat - >5,000 mg/kg

#### Acute inhalation toxicity

LD<sub>50</sub>, rat - >49.28 mg/l, 4 h *literature*

#### Acute dermal toxicity

LD<sub>50</sub>, rabbit - >2,000 mg/kg

#### Skin irritation

May cause skin irritation.

#### Eye irritation

Causes eye irritation.



**Sensitization**

No data available

**Genotoxicity in vitro**

No data available

**Mutagenicity**

No data available

**Specific organ toxicity - single exposure**

May cause drowsiness or dizziness.

**Specific organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

May be harmful if swallowed and enters the airways.

**11.2 Further information**

This product contains no substances present at levels greater than or equal to the 0.1% threshold (de minimis) that are identified as a probable, possible, potential or confirmed carcinogens by ACGIH, IARC, NTP or OSHA. No data is available regarding the mutagenicity or teratogenicity of this product, nor is there any available data that indicates it causes adverse developmental or fertility effects.

Handle in accordance with good industrial hygiene and safety practice.

**SECTION 12 - ECOLOGICAL INFORMATION**

---

**12.1 Toxicity**

Large discharges or spills of this material to the environment may be harmful to aquatic organisms.

**Acute and prolonged toxicity to fish:** LC<sub>50</sub> - Danio rerio (Zebra fish), 96 h: 250 - 350 mg/l

**Toxicity to aquatic invertebrates:** EC<sub>50</sub> - Daphnia magna (Water flea), 48 h: 700 - 1,000 mg/l

**12.2 Persistence and degradability**

Readily biodegradable

**12.3 Bioaccumulation potential**

Not expected to bioaccumulate.

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Other adverse effects****Additional ecological information**

Do not allow material to run into surface waters, wastewater or soil.

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

---

**13.1 Waste treatment methods**

**Methods of disposal:** The generation of waste should be avoided or minimized whenever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. 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. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**RCRA P-Series:** No listing

**RCRA U-Series:** No listing

**SECTION 14 - TRANSPORT INFORMATION**

---

**Note:** Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

**US DOT (Domestic Ground Transportation)**

**Proper Shipping Name:** Methyl Acetate

**Hazard Class:** 3

**UN/NA:** UN1231

**Packing Group:** II

**NAERG:** Guide #129

**Packaging Authorization:** Non-Bulk: 49 CFR 173.202; Bulk: 173.242

**Packaging Exceptions:** 49 CFR 173.150



**IMO/IMDG (Water Transportation)**

**Proper Shipping Name:** Methyl Acetate  
**Hazard Class:** 3  
**UN/NA:** UN1231  
**Packing Group:** II  
**Marine Pollutant:** No  
**EMS Number:** F-E, S-D

**ICAO/IATA (Air Transportation)**

**Proper Shipping Name:** Methyl Acetate  
**Hazard Class:** 3  
**UN/NA:** UN1231  
**Packing Group:** II  
**Quantity Limitations:** 49 CFR 173.27 and 175.75 - Cargo Aircraft Only: 60 l; Passenger Aircraft: 5 l

**RID/ADR (Rail Transportation)**

**Proper Shipping Name:** Methyl Acetate  
**Hazard Class:** 3  
**UN/NA:** UN1231  
**Packing Group:** II

**SECTION 15 - REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for substance or mixture****U. S. Federal Regulations**

**OSHA Hazard Communication Standard:** This material is classified as hazardous in accordance with OSHA 29 CFR 1910-1200.

**OSHA Process Safety Management Standard:** This product is not regulated under OSHA PSM Standard 29 CFR 1910.119.

**EPA Risk Management Planning Standard:** This product is not regulated under EPA RMP Standard (RMP) 40 CFR Part 68.

**EPA Federal Insecticide, Fungicide and Rodenticide Act:** This product is not a registered Pesticide under the FIFRA, 40 CFR Part 150.

**Toxic Substance Control Act (TSCA) Inventory:** All the components of this material are listed on the TSCA Inventory. It is not subject to TSCA 12(b) Export Notification.

**Drug Enforcement Administration (DEA) List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.4(f)(2) and Chemical Code Number**  
 No listing

**Drug Enforcement Administration (DEA) List s1 & 2, Exempt Chemical Mixtures (21 CFR 1310.12(c)) and Code Number**  
 No listing

**Department of Homeland Security (DHS) Chemical Facility Anti-Terrorism Standards (CFATS) Chemicals**  
 No listing

**Superfund Amendments and Reauthorization Act (SARA)**

**SARA Section 311/312 Hazard Categories:** Fire Hazard, Acute Health Hazard

**SARA 313 Information:** None of the components of the product exceed the threshold (de minimis) reporting requirements of Section 13 of the Emergency Planning and Community Right-to Know Act of 1986.

**SARA 302/304 Extremely Hazardous Substance:** None of the components of the product exceed the threshold (de minimis) reporting levels established by of these sections of Title III of SARA.

**SARA 302/304 Emergency Planning & Notification:** None of the components of the product exceed the threshold (de minimis) reporting levels established by of these sections of Title III of SARA.

**Comprehensive Response Compensation and Liability Act (CERCLA):** This product contains no CERCLA reportable substances.

**Clean Air Act (CAA)**

This product does not contain any chemicals that are listed as Hazardous Air Pollutants (HAPs) designated in CAA Section 112 (b).

This product does not contain any Class 1 Ozone depleters.

This product does not contain any Class 2 Ozone depleters.

**Clean Water Act (CWA)**

None of the chemicals in this product are listed as a Hazardous Substance under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

**U.S. State Regulations****California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986**

This product contains no chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm.

**Other U.S. State Inventories**

Methyl Acetate (CAS #79-20-9) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists: CA, NJ, NY, PA, RI, WI.

**Canada****WHMIS Hazard Symbol and Classification**

B2 - Flammable liquid with flash point less than 38 °C (100 °F)



D2B - Toxic material causing other toxic effects - eye irritation in animals

Canadian National Pollutant Release Inventory (NPRI): This substance is not listed on the NPRI.

**European Economic Community**

WGK, Germany (Water danger/protection): 1

**Global Chemical Inventory Lists**

Country	Inventory Name	Inventory Listing*
Canada:	Domestic Substance List (DSL)	Yes
Canada:	Non-Domestic Substance List (NDSL)	No
Europe:	Inventory of New and Existing Chemicals (EINECS)	Yes
United States:	Toxic Substance Control Act (TSCA)	Yes
Australia:	Australian Inventory of Chemical Substances (AICS)	Yes
New Zealand:	New Zealand Inventory of Chemicals (NZIoC)	Yes
China:	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Japan:	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea:	Existing Chemicals List (ECL)	Yes
Philippines:	Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Yes

\*Yes - All components of this product are in compliance with the inventory requirements administered by the governing country.

No - One or more components of this product are not on the inventory or are exempt from listing.

**15.2 Chemical safety assessment**

For this product a chemical safety assessment was not carried out.

**SECTION 16 - OTHER INFORMATION**

**Hazardous Material Information System (HMIS)**

Health	2
Flammability	3
Physical Hazard	0
Personal Protection	C

**HMIS Hazard Rating Legend**

0 = Minimal 1 = Slight 2 = Moderate 3 = Serious  
4 = Severe \* = Chronic Health Hazard

**NFPA Hazard Rating Legend**

0 = Insignificant 1 = Slight 2 = Moderate  
3 = High 4 = Extreme

**National Fire Protection Association (NFPA)**

**Flammability**



**Abbreviation Key**

ACGIH	American Conference of Governmental Industrial Hygienists
ADR	Accord Dangereux Routier (European regulations concerning the international transport of dangerous goods by road)
CAS	Chemical Abstract Services
CFR	Code of Federal Regulations
DOT	Department of Transportation
EMS Guide	Emergency Response Procedures for Ships Carrying Dangerous Goods
EPA	Environmental Protection Agency
ERG	Emergency Response Guide Book
FDA	Food and Drug Administration
GHS	Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
HCS	Hazard Communication Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association half maximal
ICAO	International Civil Aviation Organization
IDLH	Immediately Dangerous to Life and Health
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
mppcf	Millions of Particles Per Cubic Foot
NA	North America
NAERG	North American Emergency Response Guide Book
NIOSH	National Institute for Occupational Safety
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PBT	Persistent, Bioaccumulating and Toxic
PEL	Permissible exposure limit
PMCC	Pensky-Martens Closed Cup
ppm	Parts Per Million
RCRA	Resource Conservation and Recovery Act
RID	Dangerous Goods by Rail
RQ	Reportable Quantity

<b>TCC/Tag</b>	Tagliabue Closed Cup
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substance Control Act
<b>TWA</b>	Time-weighted Average
<b>UN</b>	United Nations
<b>VOC</b>	Volatile Organic Compounds
<b>vPvB</b>	tingVery Persistent and Very Bioaccumulating
<b>WHMIS</b>	Workplace Hazardous Materials Information System

### DISCLAIMER OF RESPONSIBILITY

The information on this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume damage or expense arising out of or in any way responsibility and expressly disclaim liability for loss, connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS information may not be applicable.

Revision Date: 16 December 2016

<end of document>