SECTION 1. IDENTIFICATION

Product name: Formacel™ B (90/10) Foam Expansion Agent

SDS-Identcode: 130000052419

Manufacturer or supplier's details

Company name of supplier: The Chemours Company FC, LLC

Address: 1007 Market Street
          Wilmington, DE 19899 United States of America (USA)

Telephone: 1-844-773-CHEM (outside the U.S. 1-302-773-1000)

Emergency telephone: Medical emergency: 1-866-595-1473 (outside the U.S. 1-302-773-2000); Transport emergency: +1-800-424-9300 (outside the U.S. +1-703-527-3887)

Recommended use of the chemical and restrictions on use

Recommended use: Foam expansion agent

Restrictions on use: For professional users only.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Gases under pressure: Liquefied gas

Simple Asphyxiant

GHS label elements

Hazard pictograms:

Signal Word: Warning

Hazard Statements: H280 Contains gas under pressure; may explode if heated. May displace oxygen and cause rapid suffocation.

Precautionary Statements:

Storage: P410 + P403 Protect from sunlight. Store in a well-ventilated place.

Other hazards

Vapors are heavier than air and can cause suffocation by reducing oxygen available for breathing. Misuse or intentional inhalation abuse may cause death without warning symptoms, due to
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1,2-Tetrafluoroethane*</td>
<td>811-97-2</td>
<td>&gt;= 90 - &lt; 100</td>
</tr>
<tr>
<td>1,1-Difluoroethane</td>
<td>75-37-6</td>
<td>&gt;= 10 - &lt; 20</td>
</tr>
</tbody>
</table>

* Voluntarily-disclosed non-hazardous substance

SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.
When symptoms persist or in all cases of doubt seek medical advice.

If inhaled : If inhaled, remove to fresh air.
Get medical attention if symptoms occur.

In case of skin contact : Thaw frosted parts with lukewarm water. Do not rub affected area.
Get medical attention immediately.

In case of eye contact : Get medical attention immediately.

If swallowed : Ingestion is not considered a potential route of exposure.

Most important symptoms and effects, both acute and delayed : May cause cardiac arrhythmia.
Other symptoms potentially related to misuse or inhalation abuse are
Cardiac sensitization
Anaesthetic effects
Light-headedness
Dizziness
confusion
Lack of coordination
Drowsiness
Unconsciousness
Contact with liquid or refrigerated gas can cause cold burns and frostbite.

Protection of first-aiders : No special precautions are necessary for first aid responders.

Notes to physician : Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Not applicable
Will not burn
Unsuitable extinguishing media: Not applicable
Will not burn

Specific hazards during fire fighting:
Exposure to combustion products may be a hazard to health.
If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.

Hazardous combustion products:
Hydrogen fluoride
Carbonyl fluoride
Carbon oxides

Specific extinguishing methods:
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Fight fire remotely due to the risk of explosion.
Use water spray to cool unopened containers.
Remove undamaged containers from fire area if it is safe to do so.
Evacuate area.

Special protective equipment for fire-fighters:
Wear self-contained breathing apparatus for firefighting if necessary.
Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Evacuate personnel to safe areas.
Avoid skin contact with leaking liquid (danger of frostbite).
Ventilate the area.
Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions:
Prevent further leakage or spillage if safe to do so.
Retain and dispose of contaminated wash water.

Methods and materials for containment and cleaning up:
Ventilate the area.
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures:
Use equipment rated for cylinder pressure. Use a backflow preventative device in piping. Close valve after each use and when empty.

Local/Total ventilation:
Use only with adequate ventilation.

Advice on safe handling:
Avoid breathing gas.
Handle in accordance with good industrial hygiene and safety
practice, based on the results of the workplace exposure assessment
Wear cold insulating gloves/ face shield/ eye protection.
Valve protection caps and valve outlet threaded plugs must remain in place unless container is secured with valve outlet piped to use point.
Use a check valve or trap in the discharge line to prevent hazardous back flow into the cylinder.
Prevent backflow into the gas tank.
Use a pressure reducing regulator when connecting cylinder to lower pressure (<3000 psig) piping or systems.
Close valve after each use and when empty. Do NOT change or force fit connections.
Prevent the intrusion of water into the gas tank.
Never attempt to lift cylinder by its cap.
Do not drag, slide or roll cylinders.
Use a suitable hand truck for cylinder movement.
Keep away from heat and sources of ignition.
Take precautionary measures against static discharges.
Take care to prevent spills, waste and minimize release to the environment.

Conditions for safe storage
Cylinders should be stored upright and firmly secured to prevent falling or being knocked over.
Separate full containers from empty containers.
Do not store near combustible materials.
Avoid area where salt or other corrosive materials are present.
Keep in properly labeled containers.
Keep in a cool, well-ventilated place.
Keep away from direct sunlight.
Store in accordance with the particular national regulations.

Materials to avoid
Do not store with the following product types:
Self-reactive substances and mixtures
Organic peroxides
Oxidizing agents
Flammable liquids
Flammable solids
Pyrophoric liquids
Pyrophoric solids
Self-heating substances and mixtures
Substances and mixtures which in contact with water emit flammable gases
Explosives
Acutely toxic substances and mixtures
Substances and mixtures with chronic toxicity

Recommended storage temperature
< 52 °C

Storage period
> 10 y

Further information on storage stability
The product has an indefinite shelf life when stored properly.
SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>811-97-2</td>
<td>TWA</td>
<td>1,000 ppm</td>
<td>US WEEL</td>
</tr>
<tr>
<td>1,1-Difluoroethane</td>
<td>75-37-6</td>
<td>TWA</td>
<td>1,000 ppm</td>
<td>US WEEL</td>
</tr>
</tbody>
</table>

Engineering measures:
Ensure adequate ventilation, especially in confined areas.
Minimize workplace exposure concentrations.

Personal protective equipment

Respiratory protection:
General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection

Remarks:
Take note that the product is extremely cold, which may impact the selection of hand protection. Wash hands before breaks and at the end of workday.

Eye protection:
Wear the following personal protective equipment:
Chemical resistant goggles must be worn.
Face-shield

Skin and body protection:
Skin should be washed after contact.

Protective measures:
Wear cold insulating gloves/ face shield/ eye protection.

Hygiene measures:
Ensure that eye flushing systems and safety showers are located close to the working place.
When using do not eat, drink or smoke.
Wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquefied gas
Color: clear, colorless
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>slight, ether-like</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>-25.3 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Will not burn</td>
</tr>
<tr>
<td>Self-ignition</td>
<td>The substance or mixture is not classified as pyrophoric.</td>
</tr>
<tr>
<td>Upper explosion limit / Upper flammability limit</td>
<td>Upper flammability limit</td>
</tr>
<tr>
<td>Method: ASTM E681</td>
<td>None.</td>
</tr>
<tr>
<td>Lower explosion limit / Lower flammability limit</td>
<td>Lower flammability limit</td>
</tr>
<tr>
<td>Method: ASTM E681</td>
<td>None.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>6,469 hPa (25 °C)</td>
</tr>
<tr>
<td>Relative vapor density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>1.17 g/cm³ (25 °C) (as liquid)</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>10 g/l (25 °C)</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>454 °C</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>The substance or mixture is not classified as oxidizing.</td>
</tr>
<tr>
<td>Particle size</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

### SECTION 10. STABILITY AND REACTIVITY
### Reactivity
- Not classified as a reactivity hazard.

### Chemical stability
- Stable if used as directed. Follow precautionary advice and avoid incompatible materials and conditions.

### Possibility of hazardous reactions
- Can react with strong oxidizing agents.

### Conditions to avoid
- Heat, flames and sparks.

### Incompatible materials
- Oxidizing agents

### Hazardous decomposition products
- No hazardous decomposition products are known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Inhalation

- **1,1,1,2-Tetrafluoroethane**
  - Acute inhalation toxicity: LC50 (Rat): > 567000 ppm
    - Exposure time: 4 h
    - Test atmosphere: gas
    - No observed adverse effect concentration (Dog): 40000 ppm
      - Test atmosphere: gas
      - Symptoms: Cardiac sensitization
    - Lowest observed adverse effect concentration (Dog): 80000 ppm
      - Test atmosphere: gas
      - Symptoms: Cardiac sensitization
    - Cardiac sensitisation threshold limit (Dog): 334,000 mg/m³
      - Test atmosphere: gas
      - Symptoms: Cardiac sensitization

- **1,1-Difluoroethane**
  - Acute inhalation toxicity: LC50 (Rat): > 437500 ppm
    - Exposure time: 4 h
    - Test atmosphere: gas
    - No observed adverse effect concentration (Dog): 50000 ppm
      - Test atmosphere: gas
      - Symptoms: Cardiac sensitization
SAFETY DATA SHEET

Formacel™ B (90/10) Foam Expansion Agent

Version 4.0  Revision Date: 12/01/2017  SDS Number: 1337688-00031  Date of last issue: 02/28/2017

Lowest observed adverse effect concentration (Dog): 150000 ppm
Test atmosphere: gas
Symptoms: Cardiac sensitization

Cardiac sensitisation threshold limit (Dog): 405,000 mg/m³
Test atmosphere: gas
Symptoms: Cardiac sensitization

Skin corrosion/irritation
Not classified based on available information.

Ingredients:

1,1,1,2-Tetrafluoroethane:
Species: Rabbit
Result: No skin irritation

Serious eye damage/eye irritation
Not classified based on available information.

Ingredients:

1,1,1,2-Tetrafluoroethane:
Species: Rabbit
Result: No eye irritation

Respiratory or skin sensitization

Skin sensitization
Not classified based on available information.

Respiratory sensitization
Not classified based on available information.

Ingredients:

1,1,1,2-Tetrafluoroethane:
Routes of exposure: Skin contact
Species: Guinea pig
Result: negative
Species: Rat
Result: negative

1,1-Difluoroethane:
Species: Rat
Result: negative

Germ cell mutagenicity
Not classified based on available information.
Ingredients:

1,1,1,2-Tetrafluoroethane:
Germ cell mutagenicity - Assessment: Weight of evidence does not support classification as a germ cell mutagen.

1,1-Difluoroethane:
Germ cell mutagenicity - Assessment: Weight of evidence does not support classification as a germ cell mutagen.

Carcinogenicity
Not classified based on available information.

Ingredients:

1,1,1,2-Tetrafluoroethane:
Carcinogenicity - Assessment: Weight of evidence does not support classification as a carcinogen

1,1-Difluoroethane:
Carcinogenicity - Assessment: Weight of evidence does not support classification as a carcinogen

IARC
No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA
No component of this product present at levels greater than or equal to 0.1% is on OSHA’s list of regulated carcinogens.

NTP
No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity
Not classified based on available information.

Ingredients:

1,1,1,2-Tetrafluoroethane:
Reproductive toxicity - Assessment: Weight of evidence does not support classification for reproductive toxicity

1,1-Difluoroethane:
Reproductive toxicity - Assessment: Weight of evidence does not support classification for reproductive toxicity

STOT-single exposure
Not classified based on available information.

STOT-repeated exposure
Not classified based on available information.
**SAFETY DATA SHEET**

**Formacel™ B (90/10) Foam Expansion Agent**

### Ingredients:

**1,1,1,2-Tetrafluoroethane:**
Assessment: No significant health effects observed in animals at concentrations of 250 ppmV/6h/d or less.

**1,1-Difluoroethane:**
Assessment: No significant health effects observed in animals at concentrations of 1 mg/l/6h/d or less.

### Repeated dose toxicity

**Ingredients:**

**1,1,1,2-Tetrafluoroethane:**
- Species: Rat
- NOAEL: 50000 ppm
- LOAEL: > 50000 ppm
- Application Route: inhalation (gas)
- Exposure time: 90 d
- Method: OECD Test Guideline 413
- Remarks: No significant adverse effects were reported

**1,1-Difluoroethane:**
- Species: Rat
- NOAEL: 67.485 mg/l
- Application Route: inhalation (vapor)
- Exposure time: 104 Weeks
- Remarks: No significant adverse effects were reported

### Aspiration toxicity
Not classified based on available information.

### SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Ingredients:**

**1,1,1,2-Tetrafluoroethane:**
- Toxicity to fish: LC50 (Oncorhynchus mykiss (rainbow trout)): 450 mg/l
  Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): 980 mg/l
  Exposure time: 48 h
- Toxicity to algae: ErC50 (algae): 142 mg/l
  Exposure time: 96 h
  Remarks: Based on data from similar materials
  NOEC (Pseudokirchneriella subcapitata (green algae)): 13.2 mg/l
Exposure time: 72 h
Remarks: Based on data from similar materials

1,1-Difluoroethane:
Toxicity to fish : LC50 (Fish): 295.78 mg/l
Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia): 146.7 mg/l
Exposure time: 48 h
Toxicity to algae : EC50 (algae): 47.76 mg/l
Exposure time: 96 h

Ecotoxicology Assessment
Acute aquatic toxicity : Harmful to aquatic life.
Chronic aquatic toxicity : This product has no known ecotoxicological effects.

Persistence and degradability

Ingredients:

1,1,1,2-Tetrafluoroethane:
Biodegradability : Result: Not readily biodegradable.
1,1-Difluoroethane:
Biodegradability : Result: Not readily biodegradable.

Bioaccumulative potential

Ingredients:

1,1,1,2-Tetrafluoroethane:
Partition coefficient: n-octanol/water : log Pow: 1.06
1,1-Difluoroethane:
Partition coefficient: n-octanol/water : log Pow: -0.125

Mobility in soil
No data available

Other adverse effects
No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues : Dispose of in accordance with local regulations.
Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Empty pressure vessels should be returned to the supplier. If not otherwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG
UN number: UN 3163
Proper shipping name: LIQUEFIED GAS, N.O.S.
(1,1,1,2-Tetrafluoroethane, 1,1-Difluoroethane)

Class: 2.2
Packing group: Not assigned by regulation
Labels: 2.2

IATA-DGR
UN/ID No.: UN 3163
Proper shipping name: Liquefied gas, n.o.s.
(1,1,1,2-Tetrafluoroethane, 1,1-Difluoroethane)

Class: 2.2
Packing group: Not assigned by regulation
Labels: Non-flammable, non-toxic Gas
Packing instruction (cargo aircraft): 200
Packing instruction (passenger aircraft): 200

IMDG-Code
UN number: UN 3163
Proper shipping name: LIQUEFIED GAS, N.O.S.
(1,1,1,2-Tetrafluoroethane, 1,1-Difluoroethane)

Class: 2.2
Packing group: Not assigned by regulation
Labels: 2.2
EmS Code: F-C, S-V
Marine pollutant: no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

Domestic regulation

49 CFR
UN/ID/NA number: UN 3163
Proper shipping name: Liquefied gas, n.o.s.
(1,1,1,2-Tetrafluoroethane, 1,1-Difluoroethane)

Class: 2.2
Packing group: Not assigned by regulation
Labels: NON-FLAMMABLE GAS
ERG Code: 126
Marine pollutant: no
SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards: Gases under pressure
Simple Asphyxiant

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.

US State Regulations

Pennsylvania Right To Know

1,1,1,2-Tetrafluoroethane 811-97-2
1,1-Difluoroethane 75-37-6

California Prop. 65

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

SECTION 16. OTHER INFORMATION

Further information

NFPA:

Flammability

Health

3

0

Instability

0

Special hazard.

HMIS® IV:

HEALTH

FLAMMABILITY

PHYSICAL HAZARD

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

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# SAFETY DATA SHEET

## Formacel™ B (90/10) Foam Expansion Agent

<table>
<thead>
<tr>
<th>Version</th>
<th>Revision Date</th>
<th>SDS Number</th>
<th>Date of last issue</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0</td>
<td>12/01/2017</td>
<td>1337688-00031</td>
<td>02/28/2017</td>
</tr>
</tbody>
</table>

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**Full text of other abbreviations**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>US WEEL</td>
<td>USA Workplace Environmental Exposure Levels (WEEL)</td>
</tr>
<tr>
<td>US WEEL / TWA</td>
<td>8-hr TWA</td>
</tr>
</tbody>
</table>

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50% of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EL - No Observed (Adverse) Effect Concentration; NO(A)EC - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RO - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Sources of key data used to compile the Material Safety Data Sheet**


**Revision Date** 12/01/2017

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a
guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user’s end product, if applicable.