

## SAFETY DATA SHEET

## 1. Identification

|                                                        |                                                           |                 |
|--------------------------------------------------------|-----------------------------------------------------------|-----------------|
| Product identifier                                     | Methoprene (TM) Solution                                  |                 |
| Other means of identification                          |                                                           |                 |
| Item                                                   | S-12400T4                                                 |                 |
| Recommended use                                        | For Laboratory Use Only                                   |                 |
| Recommended restrictions                               | None known.                                               |                 |
| Manufacturer/Importer/Supplier/Distributor information |                                                           |                 |
| Manufacturer                                           |                                                           |                 |
| Company name                                           | Chem Service, Inc.                                        |                 |
| Address                                                | 660 Tower Lane<br>West Chester, PA 19380<br>United States |                 |
| Telephone                                              | Toll Free                                                 | 800-452-9994    |
|                                                        | Direct                                                    | 610-692-3026    |
| Website                                                | www.chemservice.com                                       |                 |
| E-mail                                                 | info@chemservice.com                                      |                 |
| Emergency phone number                                 | Chemtrec US                                               | 800-424-9300    |
|                                                        | Chemtrec outside US                                       | +1 703-527-3887 |

## 2. Hazard(s) identification

|                       |                                                 |                                         |
|-----------------------|-------------------------------------------------|-----------------------------------------|
| Physical hazards      | Flammable liquids                               | Category 2                              |
| Health hazards        | Skin corrosion/irritation                       | Category 2                              |
|                       | Serious eye damage/eye irritation               | Category 2B                             |
|                       | Carcinogenicity                                 | Category 2                              |
|                       | Specific target organ toxicity, single exposure | Category 3 respiratory tract irritation |
| Environmental hazards | Not classified.                                 |                                         |
| OSHA defined hazards  | Not classified.                                 |                                         |
| Label elements        |                                                 |                                         |



|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal word             | Danger                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Hazard statement        | Highly flammable liquid and vapor. Causes skin irritation. Causes eye irritation. May cause respiratory irritation. Suspected of causing cancer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Precautionary statement |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Prevention              | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.                                        |
| Response                | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish. |
| Storage                 | Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

|                                                  |                                                                                                                                                                                                           |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national/international regulations.                                                                                                       |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.                                                                                                                                                                                               |
| <b>Supplemental information</b>                  | 99.9% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 99.9% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name        | Common name and synonyms | CAS number | %    |
|----------------------|--------------------------|------------|------|
| t-Butyl methyl ether |                          | 1634-04-4  | 99.9 |
| Methoprene (TM)      |                          | 40596-69-8 | 0.1  |

### 4. First-aid measures

|                                                                               |                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.                                                                                                                                                                                         |
| <b>Skin contact</b>                                                           | Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.                                                                                                                                                           |
| <b>Eye contact</b>                                                            | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.                                                                                                                                       |
| <b>Ingestion</b>                                                              | Rinse mouth. Get medical attention if symptoms occur.                                                                                                                                                                                                                                                                                     |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. May cause respiratory irritation. Skin irritation. May cause redness and pain.                                                                                                                                                               |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.                               |
| <b>General information</b>                                                    | Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. |

### 5. Fire-fighting measures

|                                                                      |                                                                                                                                                                                    |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).                                                                                                                        |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                                                                                                             |
| <b>Specific hazards arising from the chemical</b>                    | Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed. |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.                                                                                      |
| <b>Fire fighting equipment/instructions</b>                          | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.                                                               |
| <b>Specific methods</b>                                              | Use standard firefighting procedures and consider the hazards of other involved materials.                                                                                         |
| <b>General fire hazards</b>                                          | Highly flammable liquid and vapor.                                                                                                                                                 |

### 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

## Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. ACGIH Threshold Limit Values

| Components                           | Type | Value  |
|--------------------------------------|------|--------|
| t-Butyl methyl ether (CAS 1634-04-4) | TWA  | 50 ppm |

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Chemical respirator with organic vapor cartridge and full facepiece.

#### Skin protection

**Hand protection** Wear appropriate chemical resistant gloves.

#### Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection** Chemical respirator with organic vapor cartridge and full facepiece.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

**Physical state** Liquid.

|                                                     |                                  |
|-----------------------------------------------------|----------------------------------|
| <b>Form</b>                                         | Liquid.                          |
| <b>Color</b>                                        | Not available.                   |
| <b>Odor</b>                                         | Not available.                   |
| <b>Odor threshold</b>                               | Not available.                   |
| <b>pH</b>                                           | Not available.                   |
| <b>Melting point/freezing point</b>                 | -163.48 °F (-108.6 °C) estimated |
| <b>Initial boiling point and boiling range</b>      | 131.36 °F (55.2 °C) estimated    |
| <b>Flash point</b>                                  | Not available.                   |
| <b>Evaporation rate</b>                             | Not available.                   |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                  |
| <b>Upper/lower flammability or explosive limits</b> |                                  |
| <b>Flammability limit - lower (%)</b>               | Not available.                   |
| <b>Flammability limit - upper (%)</b>               | Not available.                   |
| <b>Explosive limit - lower (%)</b>                  | Not available.                   |
| <b>Explosive limit - upper (%)</b>                  | Not available.                   |
| <b>Vapor pressure</b>                               | 333.3 hPa estimated              |
| <b>Vapor density</b>                                | Not available.                   |
| <b>Relative density</b>                             | Not available.                   |
| <b>Solubility(ies)</b>                              |                                  |
| <b>Solubility (water)</b>                           | Not available.                   |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                   |
| <b>Auto-ignition temperature</b>                    | Not available.                   |
| <b>Decomposition temperature</b>                    | Not available.                   |
| <b>Viscosity</b>                                    | Not available.                   |
| <b>Other information</b>                            |                                  |
| <b>Density</b>                                      | 0.74059 g/cm3 estimated          |
| <b>Explosive properties</b>                         | Not explosive.                   |
| <b>Oxidizing properties</b>                         | Not oxidizing.                   |
| <b>Specific gravity</b>                             | 0.74 estimated                   |

## 10. Stability and reactivity

|                                           |                                                                                                  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport.    |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.                                                      |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.                                                         |
| <b>Conditions to avoid</b>                | Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials. |
| <b>Incompatible materials</b>             | Strong oxidizing agents.                                                                         |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.                                                   |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | May cause irritation to the respiratory system. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | Causes skin irritation.                                                              |
| <b>Eye contact</b>  | Causes eye irritation.                                                               |
| <b>Ingestion</b>    | Expected to be a low ingestion hazard.                                               |

**Symptoms related to the physical, chemical and toxicological characteristics** Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. May cause respiratory irritation. Skin irritation. May cause redness and pain.

## Information on toxicological effects

### Acute toxicity

| Components                           | Species | Test Results       |
|--------------------------------------|---------|--------------------|
| Methoprene (TM) (CAS 40596-69-8)     |         |                    |
| <b>Acute</b>                         |         |                    |
| <b>Dermal</b>                        |         |                    |
| LD50                                 | Rabbit  | 3000 mg/kg         |
| <b>Oral</b>                          |         |                    |
| LD50                                 | Rat     | 2323 mg/kg         |
| t-Butyl methyl ether (CAS 1634-04-4) |         |                    |
| <b>Acute</b>                         |         |                    |
| <b>Dermal</b>                        |         |                    |
| LD50                                 | Rat     | > 2000 mg/kg, Days |
| <b>Oral</b>                          |         |                    |
| LD50                                 | Rat     | > 2000 mg/kg       |

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Causes eye irritation.

### Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Suspected of causing cancer.

### IARC Monographs. Overall Evaluation of Carcinogenicity

t-Butyl methyl ether (CAS 1634-04-4) 3 Not classifiable as to carcinogenicity to humans.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

### US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** May cause respiratory irritation.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** Prolonged inhalation may be harmful.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Components                           | Species | Test Results                                                                   |
|--------------------------------------|---------|--------------------------------------------------------------------------------|
| Methoprene (TM) (CAS 40596-69-8)     |         |                                                                                |
| <b>Aquatic</b>                       |         |                                                                                |
| Fish                                 | LC50    | Rainbow trout,donaldson trout (Oncorhynchus mykiss) 1.01 - 2.41 mg/l, 96 hours |
| t-Butyl methyl ether (CAS 1634-04-4) |         |                                                                                |
| <b>Aquatic</b>                       |         |                                                                                |
| Fish                                 | LC50    | Fathead minnow (Pimephales promelas) 672 mg/l, 96 hours                        |

\* Estimates for product may be based on additional component data not shown.

### Persistence and degradability

Material name: Methoprene (TM) Solution

S-12400T4 Version #: 02 Revision date: 12-13-2017 Issue date: 08-25-2014

SDS US

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## Bioaccumulative potential

### Partition coefficient n-octanol / water (log Kow)

|                      |      |
|----------------------|------|
| Methoprene (TM)      | 5.5  |
| t-Butyl methyl ether | 0.94 |

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

|                                              |                                                                                                                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal instructions</b>                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.                         |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.                                                                                                                                                           |
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.                                                                                                   |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.       |

## 14. Transport information

### DOT

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN2398                                                                  |
| <b>UN proper shipping name</b>      | Methyl tert-butyl ether, solution (t-Butyl methyl ether RQ = 1001 LBS)  |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 3                                                                       |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Label(s)</b>                     | 3                                                                       |
| <b>Packing group</b>                | II                                                                      |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Special provisions</b>           | IB2, T7, TP1                                                            |
| <b>Packaging exceptions</b>         | 150                                                                     |
| <b>Packaging non bulk</b>           | 202                                                                     |
| <b>Packaging bulk</b>               | 242                                                                     |

### IATA

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN2398                                                                  |
| <b>UN proper shipping name</b>      | Methyl tert-butyl ether solution (t-Butyl methyl ether)                 |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 3                                                                       |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Packing group</b>                | II                                                                      |
| <b>Environmental hazards</b>        | No.                                                                     |
| <b>ERG Code</b>                     | 3L                                                                      |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Other information</b>            |                                                                         |
| <b>Passenger and cargo aircraft</b> | Allowed with restrictions.                                              |
| <b>Cargo aircraft only</b>          | Allowed with restrictions.                                              |

### IMDG

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN2398                                                                  |
| <b>UN proper shipping name</b>      | METHYL tert-BUTYL ETHER solution (t-Butyl methyl ether)                 |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 3                                                                       |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Packing group</b>                | II                                                                      |
| <b>Environmental hazards</b>        |                                                                         |
| <b>Marine pollutant</b>             | No.                                                                     |
| <b>EmS</b>                          | F-E, S-D                                                                |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |

Transport in bulk according to  
Annex II of MARPOL 73/78 and  
the IBC Code

Not established.

DOT



IATA; IMDG



## 15. Regulatory information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

t-Butyl methyl ether (CAS 1634-04-4) Listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Hazard categories

Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - Yes  
Pressure Hazard - No  
Reactivity Hazard - No

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

No

#### SARA 313 (TRI reporting)

| Chemical name        | CAS number | % by wt. |
|----------------------|------------|----------|
| t-Butyl methyl ether | 1634-04-4  | 99.9     |

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

t-Butyl methyl ether (CAS 1634-04-4)

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

#### Safe Drinking Water Act (SDWA)

Not regulated.

**US state regulations**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

t-Butyl methyl ether (CAS 1634-04-4)

**International Inventories**

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                      | Domestic Substances List (DSL)                                         | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | No                     |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                    |
| Korea                       | Existing Chemicals List (ECL)                                          | No                     |
| New Zealand                 | New Zealand Inventory                                                  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | No                     |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

|                      |                                                |
|----------------------|------------------------------------------------|
| <b>Issue date</b>    | 08-25-2014                                     |
| <b>Revision date</b> | 12-13-2017                                     |
| <b>Version #</b>     | 02                                             |
| <b>NFPA ratings</b>  | Health: 2<br>Flammability: 3<br>Instability: 0 |

**Disclaimer**

The above information is believed to be correct on the date it was last revised and must not be considered all inclusive. The information has been obtained only by a search of available literature and is only a guide for handling the chemicals. OSHA regulations require that if other hazards become evident, an upgraded SDS must be made available to the employee within three months. RESPONSIBILITY for updates lies with the employer and not with CHEM SERVICE, Inc.

Persons not specifically and properly trained should not handle this chemical or its container. This product is furnished FOR LABORATORY USE ONLY! Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticide products, food additives or as household chemicals.

This Safety Data Sheet (SDS) is intended only for use with Chem Service, Inc. products and should not be relied on for use with materials from any other supplier even if the chemical name(s) on the product are identical! Whenever using an SDS for a solution or mixture the user should refer to the SDS for every component of the solution or mixture. Chem Service warrants that this SDS is based upon the most current information available to Chem Service at the time it was last revised. THIS WARRANTY IS EXCLUSIVE, AND CHEM SERVICE, INC. MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. This SDS is provided gratis and CHEM SERVICE, INC. SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR CONTINGENT DAMAGES.

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**Revision information**

This document has undergone significant changes and should be reviewed in its entirety.