The Dow Chemical Company encourages and expects you to read and understand the entire (M)SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

1. Product and Company Identification

Product Name
DOWTHERM® G Heat Transfer Fluid

COMPANY IDENTIFICATION
The Dow Chemical Company
2030 Willard H. Dow Center
Midland, MI 48674
United States

Customer Information Number: 800-258-2436
SDSQuestion@dow.com

EMERGENCY TELEPHONE NUMBER
24-Hour Emergency Contact: 989-636-4400
Local Emergency Contact: 989-636-4400

2. Hazards Identification

Emergency Overview
Color: Colorless to brown
Physical State: Liquid.
Odor: Aromatic
Hazard of product:

WARNING! Prolonged exposure may cause skin burns. May cause eye irritation. May cause central nervous system effects. Aspiration hazard. Can enter lungs and cause damage to body systems. Isolate area. Keep upwind of spill. Highly toxic to fish and/or other aquatic organisms.

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

Potential Health Effects
Eye Contact: May cause moderate eye irritation. May cause slight corneal injury.
Skin Contact: Prolonged contact may cause skin burns. Symptoms may include pain, severe local redness, swelling, and tissue damage.

Skin Absorption: Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Inhalation: At room temperature, exposure to vapor is minimal due to low volatility. If material is heated or aerosol/mist is produced, concentrations may be attained that are sufficient to cause respiratory irritation and other effects. May cause central nervous system effects. Symptoms may include headache, dizziness and drowsiness, progressing to incoordination and unconsciousness.

Ingestion: Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

Aspiration hazard: Aspiration into the lungs may occur during ingestion or vomiting, resulting in rapid absorption and injury to other body systems.

Effects of Repeated Exposure: Based on information for component(s): Repeated excessive exposure may cause irritation of the upper respiratory tract.

### 3. Composition Information

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diphenyl oxide</td>
<td>101-84-8</td>
<td>&gt;= 38.0 - &lt;= 42.0 %</td>
</tr>
<tr>
<td>1,2,3,4-Tetrahydro-6-(1-phenylethyl)naphthalene</td>
<td>6196-98-1</td>
<td>&lt;= 62.0 %</td>
</tr>
<tr>
<td>1,2,3,4-Tetrahydro-5-(1-phenylethyl)naphthalene</td>
<td>60466-61-7</td>
<td>&lt;= 62.0 %</td>
</tr>
</tbody>
</table>

### 4. First-aid measures

**Description of first aid measures**

**General advice:** First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Inhalation:** Move person to fresh air. If not breathing, give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask, etc). If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.

**Skin Contact:** Wash skin with plenty of water.

**Eye Contact:** Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

**Ingestion:** Do not induce vomiting. Call a physician and/or transport to emergency facility immediately.

**Most important symptoms and effects, both acute and delayed**

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), no additional symptoms and effects are anticipated.

**Indication of immediate medical attention and special treatment needed**

Maintain adequate ventilation and oxygenation of the patient. If burn is present, treat as any thermal burn, after decontamination. Because rapid absorption may occur through the lungs if aspirated and cause systemic effects, the decision of whether to induce vomiting or not should be made by a physician. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Repeated excessive exposure may aggravate preexisting liver disease.
5. Fire Fighting Measures

Suitable extinguishing media
Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. General purpose synthetic foams (including AFFF type) or protein foams are preferred if available. Alcohol resistant foams (ATC type) may function. Water fog, applied gently may be used as a blanket for fire extinguishment.

Extinguishing Media to Avoid: Do not use direct water stream. May spread fire.

Special hazards arising from the substance or mixture

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.

Unusual Fire and Explosion Hazards: Violent steam generation or eruption may occur upon application of direct water stream to hot liquids. Liquid mist of this product can burn. Flammable concentrations of vapor can accumulate at temperatures above flash point; see Section 9. Dense smoke is produced when product burns.

Advice for firefighters

Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Do not use direct water stream. May spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Water fog, applied gently may be used as a blanket for fire extinguishment. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage. Review the "Accidental Release Measures" and the "Ecological Information" sections of this (M)SDS.

Special Protective Equipment for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). Avoid contact with this material during fire fighting operations. If contact is likely, change to full chemical resistant fire fighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling, for additional precautionary measures. Keep upwind of spill. Ventilate area of leak or spill. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. Spills or discharge to natural waterways is likely to kill aquatic organisms.

Methods and materials for containment and cleaning up: Small spills: Non-combustible material. Large spills: Contain spilled material if possible. Dike area to contain spill. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

7. Handling and Storage

Handling
General Handling: Avoid contact with eyes, skin, and clothing. Do not swallow. Avoid breathing vapor. Use with adequate ventilation. Keep container closed. Wash thoroughly after handling. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.
Other Precautions: Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion.

Storage
Do not store in: Opened or unlabeled containers. Store in tightly closed container. Additional storage and handling information on this product may be obtained by calling your sales or customer service contact. Store away from incompatible materials. See STABILITY AND REACTIVITY section. See Section 10 for more specific information.

8. Exposure Controls / Personal Protection

Exposure Limits

<table>
<thead>
<tr>
<th>Component</th>
<th>List</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diphenyl oxide</td>
<td>ACGIH TWA</td>
<td>Vapor.</td>
<td>1 ppm</td>
</tr>
<tr>
<td></td>
<td>ACGIH STEL</td>
<td>Vapor.</td>
<td>2 ppm</td>
</tr>
<tr>
<td></td>
<td>OSHA Table</td>
<td>PEL Vapor.</td>
<td>7 mg/m3  1 ppm</td>
</tr>
</tbody>
</table>

Personal Protection

Eye/Face Protection: Use chemical goggles.
Skin Protection: When prolonged or frequently repeated contact could occur, use protective clothing chemically resistant to this material. Selection of specific items such as faceshield, boots, apron, or full-body suit will depend on the task.
Hand protection: Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur. Examples of preferred glove barrier materials include: Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl alcohol ("PVA"). Polyvinyl chloride ("PVC" or "vinyl"). Styrene/butadiene rubber. Viton. Examples of acceptable glove barrier materials include: Butyl rubber. Chlorinated polyethylene. Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.
Respiratory Protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.
Ingestion: Avoid ingestion of even very small amounts; do not consume or store food or tobacco in the work area; wash hands and face before smoking or eating.

Engineering Controls

Ventilation: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

9. Physical and Chemical Properties
Appearance

- **Physical State**: Liquid.
- **Color**: Colorless to brown
- **Odor**: Aromatic
- **Odor Threshold**: No test data available
- **pH**: Not applicable
- **Melting Point**: Not applicable to liquids
- **Freezing Point**: Not applicable

**Boiling Point (760 mmHg)**: 288.3 °C (550.9 °F) *Literature reflux.*

**Flash Point - Closed Cup**: 130 °C (266 °F) *Setaflash Closed Cup ASTM D3828*

**Evaporation Rate (Butyl Acetate = 1)**: < 0.1 *Estimated.*

**Flammability (solid, gas)**: Not applicable to liquids

**Flammable Limits In Air**
- Lower: 0.5 % (V) *Literature*
- Upper: 6.3 % (V) *Literature*

**Vapor Pressure**: <= 1 mmHg @ 20 °C *Literature*

**Vapor Density (air = 1)**: >=1 *Literature*

**Specific Gravity (H2O = 1)**: 1.03 - 1.20 °C/25 °C *Literature*

**Solubility in water (by weight)**: <= 12 ppm @ 25 °C *Literature*

**Partition coefficient, n-octanol/water (log Pow)**: No data available for this product. See Section 12 for individual component data.

**Autoignition Temperature**: 432 °C (810 °F) *Literature*

**Decomposition Temperature**: No test data available

**Kinematic Viscosity**: 9.74 cSt @ 25 °C *Literature*

**Molecular Weight**: 205 g/mol *Literature*

### 10. Stability and Reactivity

**Reactivity**
No dangerous reaction known under conditions of normal use.

**Chemical stability**
Thermally stable at typical use temperatures.

**Possibility of hazardous reactions**
Polymerization will not occur.

**Conditions to Avoid**: Exposure to elevated temperatures can cause product to decompose.

**Incompatible Materials**: Avoid contact with oxidizing materials.

**Hazardous decomposition products**
Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include trace amounts of: Phenol.

### 11. Toxicological Information

**Acute Toxicity**

**Ingestion**
For all components. LD50, rat > 2,000 mg/kg

**Dermal**
For all components. LD50, rabbit > 2,000 mg/kg

**Inhalation**
The LC50 has not been determined.
Eye damage/eye irritation
May cause moderate eye irritation. May cause slight corneal injury.

Skin corrosion/irritation
Prolonged contact may cause skin burns. Symptoms may include pain, severe local redness, swelling, and tissue damage.

Sensitization
Skin
No relevant information found.

Respiratory
No relevant information found.

Repeated Dose Toxicity
Based on information for component(s): Repeated excessive exposure may cause irritation of the upper respiratory tract. Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.

Chronic Toxicity and Carcinogenicity
No relevant data found.

Developmental Toxicity
Contains component(s) which did not cause birth defects or any other fetal effects in lab animals.

Reproductive Toxicity
Contains component(s) which did not interfere with reproduction in animal studies.

Genetic Toxicology
Contains a component(s) which were negative in in vitro genetic toxicity studies. Contains component(s) which were negative in animal genetic toxicity studies.

12. Ecological Information

Toxicity

Data for Component: Diphenyl oxide
Material is moderately toxic to aquatic organisms on an acute basis (LC50/EC50 between 1 and 10 mg/L in the most sensitive species tested).

Fish Acute & Prolonged Toxicity
LC50, Oncorhynchus mykiss (rainbow trout), static test, 96 h: 4.2 mg/l

Aquatic Invertebrate Acute Toxicity
LC50, Daphnia magna (Water flea), static test, 48 h: 1.7 mg/l

Aquatic Plant Toxicity
EC50, Pseudokirchneriella subcapitata (green algae), static test, Growth inhibition (cell density reduction), 96 h: 2.5 mg/l

Data for Component: 1,2,3,4-Tetrahydro-6-(1-phenylethyl)naphthalene
Material is very highly toxic to aquatic organisms on an acute basis (LC50/EC50 <0.1 mg/L in the most sensitive species).

Aquatic Invertebrate Acute Toxicity
LC50, Daphnia magna (Water flea), 48 h: 0.0225 mg/l

Aquatic Plant Toxicity
EbC50, Pseudokirchneriella subcapitata (green algae), biomass growth inhibition, 96 h: > 0.07 mg/l

Toxicity to Micro-organisms
EC50, OECD 209 Test; activated sludge, 3 h: 0.062 mg/l

Persistence and Degradability

Data for Component: Diphenyl oxide
Material is expected to be readily biodegradable.

Indirect Photodegradation with OH Radicals

<table>
<thead>
<tr>
<th>Rate Constant</th>
<th>Atmospheric Half-life</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.84E-12 cm3/s</td>
<td>1.1 d</td>
<td>Estimated.</td>
</tr>
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</table>
**Biological oxygen demand (BOD):**

<table>
<thead>
<tr>
<th>BOD 5</th>
<th>BOD 10</th>
<th>BOD 20</th>
<th>BOD 28</th>
</tr>
</thead>
<tbody>
<tr>
<td>64 %</td>
<td>76 %</td>
<td>76 %</td>
<td></td>
</tr>
</tbody>
</table>

**Chemical Oxygen Demand:** 2.19 mg/mg

**Theoretical Oxygen Demand:** 2.63 mg/mg

Data for Component: **1,2,3,4-Tetrahydro-6-(1-phenylethyl)naphthalene**

- Material is expected to biodegrade only very slowly (in the environment). Fails to pass OECD/EEC tests for ready biodegradability. Material is inherently biodegradable (reaches > 20% biodegradation in OECD test(s) for inherent biodegradability).

**OECD Biodegradation Tests:**

<table>
<thead>
<tr>
<th>Biodegradation</th>
<th>Exposure Time</th>
<th>Method</th>
<th>10 Day Window</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 %</td>
<td>28 d</td>
<td>OECD 301B Test</td>
<td>fail</td>
</tr>
<tr>
<td>&gt; 40 %</td>
<td>28 d</td>
<td>OECD 302B Test</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**Bioaccumulative potential**

Data for Component: **Diphenyl oxide**

- **Bioaccumulation:** Bioconcentration potential is moderate (BCF between 100 and 3000 or Log Pow between 3 and 5).
- **Partition coefficient, n-octanol/water (log Pow):** 4.21 Measured
- **Bioconcentration Factor (BCF):** 196; Oncorhynchus mykiss (rainbow trout)

Data for Component: **1,2,3,4-Tetrahydro-6-(1-phenylethyl)naphthalene**

- **Bioaccumulation:** Bioconcentration potential is high (BCF > 3000 or Log Pow between 5 and 7).
- **Partition coefficient, n-octanol/water (log Pow):** 6.11 Estimated.

**Mobility in soil**

Data for Component: **Diphenyl oxide**

- **Mobility in soil:** Potential for mobility in soil is low (Koc between 500 and 2000).
- **Partition coefficient, soil organic carbon/water (Koc):** 1,968 Measured
- **Henry's Law Constant (H):** 2.2E-04 atm*m3/mole; 25 °C Estimated.

Data for Component: **1,2,3,4-Tetrahydro-6-(1-phenylethyl)naphthalene**

- **Mobility in soil:** Expected to be relatively immobile in soil (Koc > 5000).
- **Partition coefficient, soil organic carbon/water (Koc):** > 5,000 Estimated.
- **Henry's Law Constant (H):** 4.67E-04 atm*m3/mole; 25 °C Estimated.

### 13. Disposal Considerations

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Recycler. Reclaimer. Incinerator or other thermal destruction device.
14. Transport Information

DOT Non-Bulk
NOT REGULATED

DOT Bulk
NOT REGULATED

IMDG
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S
Technical Name: DIPHENYL OXIDE and 1,2,3,4-TETRAHYDRO-(1-PHENYLETHYL)-NAPHTHALENE
Hazard Class: 9  ID Number: UN3082  Packing Group: PG III
EMS Number: F-A,S-F
Marine pollutant.: Yes

ICAO/IATA
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S
Technical Name: DIPHENYL OXIDE and 1,2,3,4-TETRAHYDRO-(1-PHENYLETHYL)-NAPHTHALENE
Hazard Class: 9  ID Number: UN3082  Packing Group: PG III
Cargo Packing Instruction: 964
Passenger Packing Instruction: 964
Additional Information

MARINE POLLUTANT

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. Regulatory Information

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

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312
Immediate (Acute) Health Hazard  Yes
Delayed (Chronic) Health Hazard  Yes
Fire Hazard  No
Reactive Hazard  No
Sudden Release of Pressure Hazard  No

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313
To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List:
The following product components are cited in the Pennsylvania Hazardous Substance List and/or the Pennsylvania Environmental Substance List, and are present at levels which require reporting.

<table>
<thead>
<tr>
<th>Component</th>
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<th>Amount</th>
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<tbody>
<tr>
<td>Diphenyl oxide</td>
<td>101-84-8</td>
<td>&gt;= 38.0 - &lt;= 42.0 %</td>
</tr>
</tbody>
</table>
Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Special Hazardous Substances List:
To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)
This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

US. Toxic Substances Control Act
All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30. This product contains a substance subject to a TSCA Section 5(a)(2) Significant New Use Rule (SNUR) and export notification under TSCA 12(b). The SNUR is described in 40 CFR 721.5225 and requires the following Hazard Communication information: This substance may be toxic to fish and toxic to aquatic organisms. Notice to users: Disposal restrictions apply, do not release to water.

CEPA - Domestic Substances List (DSL)
All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

16. Other Information

Hazard Rating System

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Recommended Uses and Restrictions
Identified uses
Intended as a heat transfer fluid for closed-loop systems. For industrial use only. We recommend that you use this product in a manner consistent with the listed use. If your intended use is not consistent with the stated use, please contact your sales or technical service representative.

Revision
Identification Number: 50091 / 1001 / Issue Date 11/01/2012 / Version: 7.0
Most recent revision(s) are noted by the bold, double bars in left-hand margin throughout this document.

Legend

<table>
<thead>
<tr>
<th>N/A</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>W/W</td>
<td>Weight/Weight</td>
</tr>
<tr>
<td>OEL</td>
<td>Occupational Exposure Limit</td>
</tr>
<tr>
<td>STEL</td>
<td>Short Term Exposure Limit</td>
</tr>
<tr>
<td>TWA</td>
<td>Time Weighted Average</td>
</tr>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygienists, Inc.</td>
</tr>
<tr>
<td>DOW IHG</td>
<td>Dow Industrial Hygiene Guideline</td>
</tr>
<tr>
<td>WEEL</td>
<td>Workplace Environmental Exposure Level</td>
</tr>
<tr>
<td>HAZ DES</td>
<td>Hazard Designation</td>
</tr>
<tr>
<td>Action Level</td>
<td>A value set by OSHA that is lower than the PEL which will trigger the need for activities such as exposure monitoring and medical surveillance if exceeded.</td>
</tr>
</tbody>
</table>

The Dow Chemical Company urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no
warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.