



**SAFETY DATA SHEET**  
**Easy Heat<sup>®</sup>, XtremHeat<sup>®</sup>, Hot5<sup>™</sup>, & BuffetHeat<sup>™</sup>, ReadyHeat<sup>™</sup>**  
**HOLLOWICK WICKED CHAFING FUELS**

**1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY UNDERTAKING**

**Product identifier**

Product names **Easy Heat<sup>®</sup>, XtremHeat<sup>®</sup>, Hot5<sup>™</sup>, & BuffetHeat<sup>™</sup>, ReadyHeat<sup>™</sup>**  
HOLLOWICK WICKED CHAFING FUELS  
Chemical name Diethylene glycol; 2,2'-oxybisethanol  
CAS number 111-46-6  
EC number 203-872-2

**Relevant identified uses of the substance and uses advised against**

Applications A liquid chafing fuel.  
The fuel, Diethylene Glycol, is delivered via a wick protruding from a closed metal can. The product's wick is ignited and burned to provide heat for food warming applications.

**Details of the supplier of the safety data sheet**

Name Hollowick Inc  
Address 100 Fairgrounds Drive Manlius, NY 13104  
Telephone 1-800-367-3015  
Fax 1-315-682-6948  
Contact email info@hollowick.com

**Emergency telephone number**

Telephone US, Canada, Puerto Rico and the Virgin Islands: 24 hours-a-day, 7 days-a-week 1-800-424-9300 (CHEMTREC)  
Outside US: 24 hours-a-day, 7 days-a-week 1-703-527-3887 (CHEMTREC)

**2. HAZARDS IDENTIFICATION**

**GHS Classification**

|   |            |
|---|------------|
| Acute toxicity, Oral  | Category 4 |
| Specific target organ systemic toxicity – single exposure, Oral, Central nervous system, Kidney | Category 1 |
| Specific target organ systemic toxicity – repeated exposure, Oral, Kidney                       | Category 2 |

GHS Classification Scale (1= severe hazard; 4= slight hazard)

**Label elements**

Hazard Symbols



|                                       |  |
|---------------------------------------|--|
| Signal word                           | Danger   |
| Hazard statements                     | H302 Harmful if swallowed.<br>H370 Causes damage to organs (Central nervous system, Kidney).<br>H373 May cause damage to organs (Kidney) through prolonged or repeated exposure. |
| Precautionary statements – Prevention | P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling.   |
| Precautionary statements – Response   | P270 Do not eat, drink or smoke when using this product.<br>P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.<br>P330 Rinse mouth.         |
| Precautionary statements – Storage    | P405 Store locked up.  |



## SAFETY DATA SHEET

Easy Heat<sup>®</sup>, XtremHeat<sup>®</sup>, Hot5<sup>™</sup>, & BuffetHeat<sup>™</sup>, ReadyHeat<sup>™</sup>

### HOLLOWICK WICKED CHAFING FUELS

Precautionary  
statements – Disposal  
**Other hazards**

P501 Dispose of contents/ container to an approved waste disposal plant.  
- No additional information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component         | CAS-No.  | Weight %       |
|-------------------|----------|----------------|
| Diethylene Glycol | 111-46-6 | 99.0 - 100.0 % |

### 4. FIRST AID MEASURES

#### Description of first aid measures

|                        |   |
|------------------------|---|
| General advice         | Avoid contact with eyes and skin. Keep out of reach of children. Immediate medical attention is required. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. |
| Following eye contact  | Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately if irritation persists.   |
| Following skin contact | Immediately flush with water. Remove wet clothes. Wash with soap and water. Obtain medical attention if irritation persists.  |
| Following inhalation   | Remove affected person to fresh air. If person is not breathing, call an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.   |
| Following ingestion    | If swallowed, give one or two glasses of water. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.                     |

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

Symptoms are prostration, gasping, pallor, and uncoordinated movements.  
Symptoms may include redness, oedema, drying, defatting and cracking of the skin.  
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

#### Indication of any immediate medical attention and special treatment needed

Notes to physician: Symptoms may be delayed.  
Overexposure is unlikely to aggravate existing medical conditions. Repeated excessive exposure may aggravate pre-existing liver and kidney disease.

### 5. FIREFIGHTING MEASURES

|  |  |
|--|--|
| <b>Extinguishing media</b>                                   | Suitable: Water spray. Carbon dioxide. Dry chemical. Foam.<br>Unsuitable: Not available  |
| <b>Special hazards arising from the substance or mixture</b> | Stop source of fuel. Shut off ignition sources. Keep exposed containers cool with water spray. Avoid breathing vapours.<br>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. May include and are not limited to oxides of carbon. |
| <b>Advice for firefighters</b>                               | Firefighters should wear full protective clothing including self contained breathing apparatus.  |

### 6. ACCIDENTAL RELEASE MEASURES

|  |   |
|--|---|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and |
|--|---|



## SAFETY DATA SHEET

**Easy Heat<sup>®</sup>, XtremHeat<sup>®</sup>, Hot5<sup>™</sup>, & BuffetHeat<sup>™</sup>, ReadyHeat<sup>™</sup>**

### HOLLOWICK WICKED CHAFING FUELS

|   |   |
|---|---|
| <b>Environmental precautions</b>                            | upwind of spill/leak. Remove all sources of ignition. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater, basements or confined areas.  |
| <b>Methods and material for containment and cleaning up</b> | <u>For containment</u><br>Stop leak if you can do so without risk.<br><u>For cleaning up</u><br>Small spills can be soaked up with absorbent material, or flushed with water. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Contact emergency services and supplier for advice. Never return spills in original containers for re-use. |
| <b>Reference to other sections</b>                          | See precautions in section 7 and 8.   |

## 7. HANDLING AND STORAGE

|   |  |
|---|--|
| <b>Precautions for safe handling</b>                                | HARMFUL OR FATAL IF SWALLOWED. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Spills of organic materials on hot fibrous insulations may lead to lowering of the auto-ignition temperatures possibly resulting in spontaneous combustion. Use good industrial hygiene practices in handling this material. Do not get this material in your eyes, on your skin, or on your clothing. Do not breathe fumes/vapour/spray. If ingested, seek medical advice immediately. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Keep out of reach of children. Store in a closed container away from incompatible materials. RECAP containers when not in use. Do not store near heat, or open flame. Do not store near food, foodstuffs, drugs or potable water supplies.   |
| <b>Specific end use(s)</b>  | Not applicable   |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Exposure limit values

| Component         | List | Type | Value                |
|-------------------|------|------|----------------------|
| Diethylene glycol | WEEL | TWA  | 10 mg/m <sup>3</sup> |

### Exposure controls

|                                  |  |
|----------------------------------|--|
| Appropriate engineering controls | Provide adequate ventilation in area of use. Do NOT use this product in an enclosed or poorly ventilated area (ie: tents, pantry or closet). Open a door or window to provide adequate ventilation. Recap containers when not in use. Do not store near heat, or open flame.   |
| Personal protection              | <u>Respiratory protection</u> : Avoid breathing mists or vapours.<br><u>Hand protection</u> : Helpful in avoiding unnecessary contact.<br><u>Eye protection</u> : Not normally required when used as directed.<br><u>Body protection</u> : As required by employer code.<br><u>Hygiene measures</u> : Avoid contact with skin and eyes. Under normal conditions of product use, no special protection for eyes/skin is required. Remove contaminated clothing; launder or dry-clean before reuse. Minimize breathing vapour or mist. Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product. |
| Environmental exposure controls  | Not available  |



## SAFETY DATA SHEET

Easy Heat®, XtremHeat®, Hot5™, & BuffetHeat™, ReadyHeat™

### HOLLOWICK WICKED CHAFING FUELS

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

##### Information of basic physical and chemical properties

|  |  |
|--|--|
| Physical state                               | Liquid   |
| Color  | Colorless  |
| Odor   | Odorless   |
| Odour threshold                              | Not available  |
| pH   | Not available  |
| Melting point                                | -9 °C (15.80 °F)   |
| Boiling point                                | 245 °C (473.00 °F)   |
| Flash point                                  | Closed cup: 138°C (280°F)  |
| Evaporation rate                             | Not available  |
| Flammability                                 | Not available  |
| Auto ignition temperature                    | 224 °C (435.20 °F)   |
| Upper/lower flammability or explosive limits | Lower limit, by volume: 2% Calculated<br>Upper limit, by volume: 12.3% Estimated |
| Explosive properties                         | Not available  |
| Oxidising properties                         | Not available  |
| Vapour pressure                              | < 0.01 mmHg at 20°C  |
| Vapour density                               | 3.66 (Air = 1)   |
| Relative density                             | 9.3 lbs./gallon  |
| Solubility in water                          | Easily soluble in the following materials: cold water.                           |
| Other Solvents                               | Not available  |
| Partition coefficient (n-octanol/water)      | Log Pow 1.47-1.98  |
| Decomposition temperature                    | Not available  |
| Viscosity, Kinematic                         | 30 – 32 mm <sup>2</sup> /s at 68°F (20°C)  |

##### Other information

Specific gravity : 1.1 (H<sub>2</sub>O = 1)

#### 10. STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>Reactivity</b>                         | Not determined   |
| <b>Chemical stability</b>                 | Stable under recommended storage conditions.   |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerisation does not occur.   |
| <b>Conditions to avoid</b>                | Do not mix with other chemicals. Avoid contact with strong oxidizers. Exposure to elevated temperatures can cause product to decompose. Generation of gas during decomposition can cause pressure in closed systems. |
| <b>Incompatible materials</b>             | Strong oxidizers. Acids. Bases.  |
| <b>Hazardous decomposition materials</b>  | May include and are not limited to: oxides of carbon.  |

#### 11. TOXICOLOGICAL INFORMATION

##### Information on toxicological effects

|                            |   |
|----------------------------|---|
| <b>Product Summary</b>     | The below given information is based on the assessment of the product including impurities                              |
| Acute toxicity             |   |
| <b>Acute oral toxicity</b> | Classified<br>Harmful if swallowed.<br>May cause CNS effects, blood disturbances and damage to kidney and other organs. |



## SAFETY DATA SHEET

Easy Heat®, XtremHeat®, Hot5™, & BuffetHeat™, ReadyHeat™

### HOLLOWICK WICKED CHAFING FUELS

|  |   |
|--|---|
| Acute inhalation toxicity                          | Death is generally due to renal failure<br>LD50: 16,500 mg/kg Species: rat<br>Mean lethal dose (estimated): 1,000 mg/kg Species: Humans<br>Based on acute toxicity values, not classified.<br>May cause irritation of the mucous membranes. May cause central nervous system depression |
| Acute dermal toxicity                              | LC50: > 5.08 mg/l Exposure time: 4 HOURS Species: rat<br>Based on acute toxicity values, not classified.  |
| Skin corrosion/irritation                          | : LD50: 12,500 mg/kg Species: rat<br>: Based on skin irritation values, not classified<br>May cause slight transient skin irritation  |
| Serious eye damage/eye irritation                  | Based on eye irritation values, not classified<br>May cause slight transient eye irritation   |
| <b>Chronic toxicity</b>                            |   |
| Carcinogenicity                                    | Not classified<br>Contains a substance that has a positive carcinogenicity study.<br>The weight of evidence for the carcinogenicity of this substance does not meet the criteria for classification.  |
| Germ cell mutagenicity                             | Not classified<br>No adverse effect observed.   |
| <b>Reproductive toxicity</b>                       |   |
| Effects on fertility / Effects on or via lactation | Not classified<br>May cause toxicity to reproduction at high oral doses.  |
| Effects on Development                             | Not classified<br>May be toxic to embryo/fetal development and teratogenic at high exposure levels.   |
| Target Organ Systemic Toxicant - Single exposure   | Routes of exposure: Ingestion<br>Target Organs: Central nervous system, Kidney<br>Causes damage to organs, May cause CNS effects, blood disturbances and damage to kidney and other organs.   |
| Target Organ Systemic Toxicant - Repeated exposure | Routes of exposure: Ingestion<br>Target Organs: Kidney<br>May cause damage to organs through prolonged or repeated exposure., Kidney and bladder effects due to the formation of oxalate crystals may occur following prolonged exposure to high oral doses                             |
| <b>Aspiration hazard</b>                           | Based on physico-chemical values or lack of human evidence not classified   |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicology Assessment

|   |  |
|---|--|
| Acute aquatic toxicity                              | Based on acute aquatic toxicity values, not classified                   |
| Chronic aquatic toxicity                            | Not classified, based on readily biodegradability and low acute toxicity |
| Toxicity to fish                                    | Acute toxicity to fish is very low                                       |
| Toxicity to daphnia and other aquatic invertebrates | Acute toxicity to freshwater and marine invertebrates is very low.       |
| Toxicity to algae                                   | Low toxicity to algae  |
| Toxicity to bacteria                                | Low toxicity to sewage microbes  |
| Toxicity to fish (Chronic toxicity)                 | Chronic toxicity to fish is expected to be low                           |



## SAFETY DATA SHEET

Easy Heat®, XtremHeat®, Hot5™, & BuffetHeat™, ReadyHeat™

### HOLLOWICK WICKED CHAFING FUELS

|  |  |
|--|--|
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | Chronic toxicity expected to be low.   |
| <b>Persistence and degradability</b>                                   |  |
| Biodegradability   | Inherently biodegradable. : 45 - 100 %<br>(After 28 days in a ready biodegradability test)   |
| Bioaccumulative potential  |  |
| Bioaccumulation  | This material is not expected to bioaccumulate   |
| <b>Mobility in soil</b>  |  |
| Distribution among environmental compartments                          | Stability in soil<br>Low potential for soil adsorption expected (QSAR calculated value)<br>Stability in water<br>Not expected to hydrolyze readily |
| Results of PBT and vPvB assessment                                     | Not applicable   |
| <b>Other adverse effects</b>   |  |
| Additional ecological information                                      | No additional information available  |

### 13. DISPOSAL CONSIDERATIONS

|                                |   |
|--------------------------------|---|
| <b>Waste treatment methods</b> | Spilled material may be picked up with solid sorbent and incinerated according to national regulations.<br>Empty containers may be disposed of as conventional waste in accordance with all national regulations.<br>All notification, clean-up and disposal should be carried out in accordance with national regulations. Preferred methods of waste disposal are incineration or biological treatment in national approved facility. |
|--------------------------------|---|

### 14. TRANSPORT INFORMATION

|   |               |
|---|---------------|
| <b>UN Number</b>  | -             |
| <b>UN proper shipping name</b>  | -             |
| <b>Transport hazard classes</b>   | -             |
| <b>Packing group</b>  | -             |
| <b>Environmental hazards</b>  | -             |
| <b>Land transport (ADR/RID)</b>   | Not regulated |
| <b>Onland waterway craft (ADN/ADNR)</b>   | Not regulated |
| <b>Marine transport (IMDG)</b>  | Not regulated |
| <b>Air transport (IATA)</b>   | Not regulated |
| <b>Special precautions for user</b>   | Not available |
| <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code</b> | Not available |

### 15. REGULATORY INFORMATION

If identified components of this product are listed under the TSCA 12(b) Export Notification rule, they will be listed below.

|                     |  |
|---------------------|--|
| <b>SARA 302/304</b> | This product contains no known chemicals regulated under SARA 302/304. |
|---------------------|--|



## SAFETY DATA SHEET

Easy Heat®, XtremHeat®, Hot5™, & BuffetHeat™, ReadyHeat™

### HOLLOWICK WICKED CHAFING FUELS

#### SARA 311/312

Based upon available information, this material is classified as the following health and/or physical hazards according to Section 311 & 312:

Immediate (Acute) Health Hazard  
Fire Hazard

#### SARA 313

This product contains no known chemicals regulated under SARA 313

#### State Reporting

This material is not known to contain a chemical substance known to the State of California to cause cancer, reproductive, or developmental toxicity under California Proposition 65.

This product contains no known chemicals regulated by New Jersey's Worker and Community Right to Know Act.

No components are subject to the Massachusetts Right to Know Act

This product contains the following chemicals regulated by Pennsylvania's Right to Know Act:

111-46-6 Diethylene Glycol

#### Other international regulations

#### Global Inventory Status

The ingredients of this product are compliant with the following chemical inventory requirements or exemptions. \*Additional Explanatory Status Statements follow the table, as necessary

| Country/Region           | Inventory | Status Description             |
|--------------------------|-----------|--------------------------------|
| Australia                | AICS      | Compliant                      |
| Canada                   | DSL       | Compliant                      |
| China                    | IECSC     | Compliant                      |
| Europe                   | REACH     | See REACH Compliance Statement |
| Japan                    | ENCS      | Compliant                      |
| Korea                    | KECI      | Compliant                      |
| New Zealand              | NZIoC     | Compliant                      |
| Philippines              | PICCS     | Compliant                      |
| United States of America | TSCA      | Compliant                      |

#### NFPA

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard: -



## 16. OTHER INFORMATION

#### Indications on the revision

**Date of Publication: June 1, 2015**

This information is based on our present knowledge and is provided according to the relevant EC and national regulations. This information is intended as a characterization of the product in order to provide guidance for the relevant safety issues. However, this document does not provide any warranty, expressed or implied, regarding the properties of the product.