

**Section 1: Identification of the Substance/Mixture and of the Company/Undertaking**

**1.1 Product identifier**

**Product Name** • UHTR-NS

**Product Description** • White solid.

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

**Relevant identified use(s)** • No data available

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

**Manufacturer** • Techneglas, LLC  
2100 N Wilkinson Way  
Perrysburg, OH 43551  
United States  
<http://www.dyna-glas.com/>

**Telephone (General)** • (419) 873-2000

**Supplier** • Techneglas, LLC  
2100 N Wilkinson Way  
Perrysburg, OH 43551  
United States  
<http://www.dyna-glas.com/>

**1.4 Emergency telephone number**

**Manufacturer** • 1-800-424-9300 - Chemtrec

**Manufacturer** • +01-703-527-3887- Chemtrec

**Section 2: Hazards Identification**

**EU/EEC**

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 2015/830]

**2.1 Classification of the substance or mixture**

CLP • Product considered non-hazardous

**2.2 Label Elements**

CLP

**2.3 Other Hazards**

CLP • No data available

---

**UN GHS Revision 3**

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS): Third

## Revised Edition

### 2.1 Classification of the substance or mixture

UN GHS • Product considered non-hazardous

### 2.2 Label elements

UN GHS

**Hazard statements** • Product considered non-hazardous

### Precautionary statements

**Prevention** • Wear eye/face protection - Safety glasses, face shield.  
Wear protective gloves - Impervious to material.

**Response** • IF ON SKIN: Wash with plenty of soap and water.

**Storage/Disposal** • Store in a cool dry place.

### 2.3 Other hazards

UN GHS • Product considered non-hazardous

---

## United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

### 2.1 Classification of the substance or mixture

OSHA HCS 2012 • Product considered non-hazardous

### 2.2 Label elements

OSHA HCS 2012

### 2.3 Other hazards

OSHA HCS 2012 • Product considered non-hazardous.

---

## Section 3 - Composition/Information on Ingredients

### 3.1 Substances

### 3.2 Mixtures

| Chemical Name      | Identifiers        | %     | Hazardous | Classifications According to Regulation/Directive   |
|--------------------|--------------------|-------|-----------|---|
| Polysiloxane Blend | <i>Proprietary</i> | > 98% | No        | <b>EU CLP:</b><br><b>UN GHS Revision 3:</b><br><b>OSHA HCS 2012:</b>  |
| Xylene             |                    | < 2%  | No        | <b>EU CLP:</b> Skin Irrit. 2, H315; Acute Tox. 4, H312; Acute Tox. 4, H332; Flam. Liq. 3, H226<br><b>UN GHS Revision 3:</b> Skin Irrit. 2; Eye Irrit. 2; Asp. Tox. 2; Acute Tox. Oral 5; Acute Tox. Inhal. 4; STOT SE 3: Resp. Irrit.; Flam. Liq. 3; Repr. 1B; Aquatic Acute 2<br><b>OSHA HCS 2012:</b> Skin Irrit. 2; Eye Irrit. 2; Acute Tox. Inhal. 4; STOT SE 3: Narc.; STOT SE 3: Resp. Irrit.; Flam. Liq. 3; Repr. 1B |

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

**Inhalation** • IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Skin** • Wash the contaminated area of body with soap and fresh water. If skin irritation occurs: Get medical advice/attention.

**Eye** • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.

**Ingestion** • If ingested, call control center or doctor immediately for treatment advice.

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

- No data available

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

See Section 2 for Potential Health Effects.

## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

**Suitable Extinguishing Media** • No data available

**Unsuitable Extinguishing Media** • No data available.

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

**Unusual Fire and Explosion Hazards** • No data available

**Hazardous Combustion Products** • No data available

### 5.3 Advice for firefighters

- No data available

## Section 6 - Accidental Release Measures

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

**Personal Precautions** • No data available

**Emergency Procedures** • No data available

### 6.2 Environmental precautions

- No data available

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

**Containment/Clean-up Measures** • Use appropriate Personal Protective Equipment (PPE)

### 6.4 Reference to other sections

- No data available

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling

**Handling** • Use good safety and industrial hygiene practices.

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

**Storage** • No data available

### 7.3 Specific end use(s)

- No data available

## Section 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

| Exposure Limits/Guidelines |                                       |  |  |
|----------------------------|---------------------------------------|--|--|
|                            | Result                                | OSHA                                   | United Kingdom   |
| Xylene<br>(1330-20-7)      | Biological Monitoring Guidance Values | Not established                        | 650 mmol/mol creatinine Medium: urine Time: post shift Parameter: Methyl hippuric acid |
|                            | TWAs                                  | 100 ppm TWA; 435 mg/m <sup>3</sup> TWA | Not established  |

### 8.2 Exposure controls

#### Engineering Measures/Controls

- No data available

#### Personal Protective Equipment

#### Pictograms



#### Respiratory

- No data available

#### Eye/Face

- Wear protective gloves/protective clothing/eye protection/face protection.

#### Hands

- Wear appropriate gloves.

#### Skin/Body

- Wear protective gloves/protective clothing/eye protection/face protection.

#### General Industrial Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice.

#### Environmental Exposure Controls

- No data available

## Section 9 - Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

| Material Description         |  |                                   |               |
|------------------------------|--|-----------------------------------|---------------|
| Physical Form                | Solid  |                                   |               |
| General Properties           |  |                                   |               |
| Melting Point/Freezing Point | > 60 °C(> 140 °F)                                  | Specific Gravity/Relative Density | = 0.9 Water=1 |
| Viscosity                    | > 600 Centipoise (cPs, cP) or mPas @ 75 °C(167 °F) |                                   |               |

### 9.2 Other Information

- No data available

## Section 10: Stability and Reactivity

### 10.1 Reactivity

- No data available

### 10.2 Chemical stability

- No data available

### **10.3 Possibility of hazardous reactions**

- No data available

### **10.4 Conditions to avoid**

- No data available

### **10.5 Incompatible materials**

- No data available

### **10.6 Hazardous decomposition products**

- No data available

## **Section 11 - Toxicological Information**

### **11.1 Information on toxicological effects**

#### **Potential Health Effects**

##### **Inhalation**

**Acute (Immediate)** • No data available

**Chronic (Delayed)** • No data available

##### **Skin**

**Acute (Immediate)** • No data available

**Chronic (Delayed)** • No data available

##### **Eye**

**Acute (Immediate)** • No data available

**Chronic (Delayed)** • No data available

##### **Ingestion**

**Acute (Immediate)** • Under normal conditions of use, no health effects are expected.

**Chronic (Delayed)** • No data available

## **Section 12 - Ecological Information**

### **12.1 Toxicity**

- No data available

### **12.2 Persistence and degradability**

- No data available

### **12.3 Bioaccumulative potential**

- No data available

### **12.4 Mobility in Soil**

- No data available

### **12.5 Results of PBT and vPvB assessment**

- No data available

### **12.6 Other adverse effects**

## **Section 13 - Disposal Considerations**

### 13.1 Waste treatment methods

**Product waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

### 13.2 Other Information

- Prevent release to the environment.

## Section 14 - Transport Information

**14.6 Special precautions for user**

- No data available

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

- No data available

**14.8 Other information**

DOT

- Material is considered non-hazardous per DOT shipping regulations.
- Material is considered non-hazardous per DOT regulations.

## Section 15 - Regulatory Information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**SARA Hazard Classifications**

- No data available

**15.2 Chemical Safety Assessment**

- No data available

## Section 16 - Other Information

**Revision Date** • 22/March/2018

**Last Revision Date** • 22/March/2018

**Preparation Date** • 22/March/2018

**Disclaimer/Statement of Liability** • This MSDS is based on information which is believed to be reliable, but may be subject to change as new information becomes available. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. Since the use of this material is not under Techneglas' control, each user is responsible for making its own determination as to the safe and proper handling of this material based upon local laws and regulations and in its own particular use of this material. The laws and regulations cited in this MSDS are not intended to be comprehensive. Please check all local laws and regulations prior to use of this product.