

# Safety Data Sheet

according to 29 CFR 1910.1200(g)

## DW-Therm HT (heat transfer fluid)

Revision date: 12/22/2022

Product code: 42

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### 1. Identification

#### Product identifier

DW-Therm HT (heat transfer fluid)

CAS No: 63674-30-6

#### Recommended use of the chemical and restrictions on use

#### Details of the supplier of the safety data sheet

Company name: Huber USA Inc.  
Street: 1101 Nowell Rd Suite 110  
Place: USA-USA-NC 27607 Raleigh  
Telephone: 800-726-4877  
e-mail: info@huber-online.com  
Internet: www.huber-usa.com

**Emergency phone number:** Toll Free: 1-800-424-9300; Local +1-703-527-3887

### 2. Hazard(s) identification

#### Classification of the chemical

##### **29 CFR Part 1910.1200**

This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

#### Label elements

#### Hazards not otherwise classified

No information available.

### 3. Composition/information on ingredients

#### Mixtures

### 4. First-aid measures

#### Description of first aid measures

##### **After inhalation**

Provide fresh air.

##### **After contact with skin**

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

##### **After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

##### **After ingestion**

Rinse mouth immediately and drink 1 glass of water.

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

No information available.

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

Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

##### **Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

#### Specific hazards arising from the chemical

Non-flammable.

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### Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### **General advice**

The danger areas must be delimited and identified using relevant warning and safety signs.

### Environmental precautions

Do not allow to enter into surface water or drains.

### Methods and material for containment and cleaning up

#### **Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

### Reference to other sections

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

Disposal: see section 13

## 7. Handling and storage

### Precautions for safe handling

#### **Advice on safe handling**

Avoid contact with skin, eyes and clothes. Do not breathe gas/fume/vapor/spray.

### Conditions for safe storage, including any incompatibilities

#### **Requirements for storage rooms and vessels**

Keep container tightly closed.

#### **Hints on joint storage**

No special measures are necessary.

## 8. Exposure controls/personal protection

### Control parameters

### Exposure controls

#### **Protective and hygiene measures**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

#### **Eye/face protection**

Wear eye/face protection.

#### **Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### **Skin protection**

Use of protective clothing.

#### **Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

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**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state:

Color: orange

**Test method**

pH-Value: not determined

**Changes in the physical state**

Melting point/freezing point: -34 °C DIN 51583

Boiling point or initial boiling point and boiling range: 353 °C ASTM D 1120

Flash point: 194 °C ASTM D 93

**Flammability**

Solid/liquid: not applicable

Gas: not applicable

**Explosive properties**

The product is not: Explosive.

Lower explosion limits: 0,39 vol. %

Upper explosion limits: 4,59 vol. %

Auto-ignition temperature: 385 °C ASTM E 659

**Self-ignition temperature**

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

**Oxidizing properties**

Not oxidising.

Vapor pressure: not determined

Density: not determined

Water solubility: The study does not need to be conducted because the substance is known to be insoluble in water.

**Solubility in other solvents**

not determined

Partition coefficient n-octanol/water: not determined

Viscosity / kinematic: 30,8 mm<sup>2</sup>/s DIN 51562  
(at 25 °C)

Relative vapour density: not determined

Evaporation rate: not determined

**Other information**

Solid content: not determined

**10. Stability and reactivity****Chemical stability**

Stability: Stable

**Possibility of hazardous reactions**

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Hazardous reactions: Will not occur

**11. Toxicological information****Information on toxicological effects**

Carcinogenicity (OSHA): No ingredient of this mixture is listed.  
 Carcinogenicity (IARC): No ingredient of this mixture is listed.  
 Carcinogenicity (NTP): No ingredient of this mixture is listed.

**12. Ecological information****Ecotoxicity**

Very toxic to aquatic life with long lasting effects.

**Bioaccumulative potential**

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment cannot be ruled out.

**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**Other adverse effects**

No information available.

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

**13. Disposal considerations****Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**14. Transport information****US DOT 49 CFR 172.101****UN number or ID number:**

UN 3082

**Proper shipping name:**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Transport hazard class(es):**

9

**Packing group:**

III

Hazard label:

9

**Marine transport (IMDG)****UN number:**

UN 3082

**UN proper shipping name:**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Transport hazard class(es):**

9

**Packing group:**

III

Hazard label:

9

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Special Provisions: 274, 335, 969  
 Limited quantity: 5 L  
 Excepted quantity: E1  
 EmS: F-A, S-F

**Air transport (ICAO-TI/IATA-DGR)**

**UN number:** UN 3082  
**UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
**Transport hazard class(es):** 9  
**Packing group:** III  
 Hazard label: 9



Special Provisions: A97 A158 A197  
 Limited quantity Passenger: 30 kg G  
 Passenger LQ: Y964  
 Excepted quantity: E1  
 IATA-packing instructions - Passenger: 964  
 IATA-max. quantity - Passenger: 450 L  
 IATA-packing instructions - Cargo: 964  
 IATA-max. quantity - Cargo: 450 L

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: Yes

**Special precautions for user**

No information available.

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

not applicable

**15. Regulatory information****U.S. Regulations****State Regulations****Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**16. Other information****Hazardous Materials Information Label (HMIS)**

Health: 0  
 Flammability: 0  
 Physical Hazard: 0

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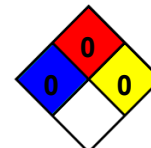
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**NFPA Hazard Ratings**

Health: 0  
 Flammability: 0  
 Reactivity: 0  
 Unique Hazard:



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**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service  
 LC50: Lethal concentration, 50%  
 LD50: Lethal dose, 50%  
 CLP: Classification, labelling and Packaging  
 REACH: Registration, Evaluation and Authorization of Chemicals  
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
 UN: United Nations  
 DNEL: Derived No Effect Level  
 DMEL: Derived Minimal Effect Level  
 PNEC: Predicted No Effect Concentration  
 ATE: Acute toxicity estimate  
 LL50: Lethal loading, 50%  
 EL50: Effect loading, 50%  
 EC50: Effective Concentration 50%  
 ErC50: Effective Concentration 50%, growth rate  
 NOEC: No Observed Effect Concentration  
 BCF: Bio-concentration factor  
 PBT: persistent, bioaccumulative, toxic  
 vPvB: very persistent, very bioaccumulative  
 RID: Regulations concerning the international carriage of dangerous goods by rail  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation  
 intérieures)  
 EmS: Emergency Schedules  
 MFAG: Medical First Aid Guide  
 ICAO: International Civil Aviation Organization  
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
 IBC: Intermediate Bulk Container  
 SVHC: Substance of Very High Concern  
 For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

**Other data**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.