

# Safety Data Sheet

according to 29 CFR 1910.1200(g)

## DW Therm (heat transfer fluid)

Revision date: 02/01/2023

Product code: 26

Page 1 of 6

### 1. Identification

#### Product identifier

DW Therm (heat transfer fluid)

#### 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 substance 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

#### Substances

### 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**

Let water be drunken in little sips (dilution effect).

Do NOT induce vomiting.

#### 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.

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

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

# Safety Data Sheet

according to 29 CFR 1910.1200(g)

## DW Therm (heat transfer fluid)

Revision date: 02/01/2023

Product code: 26

Page 2 of 6

### 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

Use personal protection equipment.

#### Environmental precautions

Do not allow to enter into surface water or drains.

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

##### For cleaning up

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.

##### 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

Provide adequate ventilation as well as local exhaustion at critical locations.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed. Store in a dry place.

## 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. Wash hands before breaks and after work. When using do not eat or drink.

#### 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.

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**DW Therm (heat transfer fluid)**

Revision date: 02/01/2023

Product code: 26

Page 3 of 6

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

Physical state:

Color:

Odor: characteristic

**Test method**

pH-Value: not determined

**Changes in the physical state**

Melting point/freezing point: -90 °C DIN 53736

Boiling point or initial boiling point and boiling range: 236 °C OECD 103

Flash point: 101 °C DIN EN ISO 2719

**Flammability**

Solid/liquid: not applicable

Gas: not applicable

**Explosive properties**

The product is not: Explosive.

Lower explosion limits: not determined

Upper explosion limits: not determined

Auto-ignition temperature: 265 °C 2

Decomposition temperature: not determined

**Oxidizing properties**

The product is not: oxidising.

Vapor pressure: not determined

Density (at 20 °C): 0,879 g/cm<sup>3</sup> DIN 53420

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: 1,57 mm<sup>2</sup>/s DIN EN ISO 3104  
(at 40 °C)

Relative vapour density: not determined

Evaporation rate: not determined

**Other information**

Solid content: not determined

conductivity : 0,003 µS/cm

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

Stability: Stable

Do not mix with acids.

**Possibility of hazardous reactions**

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**DW Therm (heat transfer fluid)**

Revision date: 02/01/2023

Product code: 26

Page 4 of 6

Hazardous reactions: Will not occur

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

Carcinogenicity (OSHA): Not listed.

Carcinogenicity (IARC): Not listed.

Carcinogenicity (NTP): Not listed.

**Further information**

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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

The product is not: Ecotoxic.

**Persistence and degradability**

The product has not been tested.

**Bioaccumulative potential**

The product has not been tested.

**Mobility in soil**

The product has not been tested.

**Endocrine disrupting properties**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

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

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

**Contaminated packaging**

Wash with plenty of water. Completely emptied packages can be recycled.

**14. Transport information****US DOT 49 CFR 172.101****Proper shipping name:** No dangerous good in sense of this transport regulation.**Marine transport (IMDG)****UN number:** No dangerous good in sense of this transport regulation.**UN proper shipping name:** No dangerous good in sense of this transport regulation.**Transport hazard class(es):** No dangerous good in sense of this transport regulation.**Packing group:** No dangerous good in sense of this transport regulation.**Air transport (ICAO-TI/IATA-DGR)****UN number:** No dangerous good in sense of this transport regulation.**UN proper shipping name:** No dangerous good in sense of this transport regulation.**Transport hazard class(es):** No dangerous good in sense of this transport regulation.**Packing group:** No dangerous good in sense of this transport regulation.

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**DW Therm (heat transfer fluid)**

Revision date: 02/01/2023

Product code: 26

Page 5 of 6

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

No dangerous good in sense of this transport regulation.

**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

**NFPA Hazard Ratings**

Health: 0

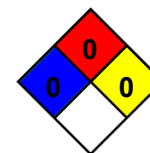
Flammability: 0

Reactivity: 0

Unique Hazard:

Revision date: 02/01/2023

Revision No: 2,8,0

**Abbreviations and acronyms**

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

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

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

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

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)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**DW Therm (heat transfer fluid)**

Revision date: 02/01/2023

Product code: 26

Page 6 of 6

IATA: International Air Transport Association

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: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

**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.