



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product code **CSR-R-B070, CSR-R-B071**

Product name **HTF**

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

Relevant identified uses of the product: Research use only

1.3 Details of the supplier of the safety data sheet

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SECTION 2: Hazards identification

GHS classification and label elements of the product

2.1 Classification of the substance or mixture

Not applicable to GHS classification

2.2 Label elements

No Signal word

PRECAUTIONARY STATEMENT

Prevention

Void

Response

Void

Storage

Void

Disposal

Void

SECTION 3: Composition/information on ingredients

Substance/Mixture:

Description:

Mixture of substances listed below with nonhazardous additions.

HTF

Dangerous components: Void

SECTION 4: First aid measures

4.1 Descriptions of first-aid measures

IF INHALED

Remove person to fresh air and keep comfortable for breathing.

IF ON SKIN (or hair)

Rinse skin with water/shower.

IF IN EYES

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF SWALLOWED

Rinse mouth. Do NOT induce vomiting.

Call a POISON CENTER or doctor/physician if you feel unwell.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use appropriate extinguishing media suitable for surrounding facilities.

5.3 Advice for firefighters

Specific fire-fighting measures

Eliminate all ignition sources if safe to do so.

Special protective equipment and precautions for fire-fighters

Wear fire/flame resistant/retardant clothing.

SECTION 6: Accidental release measures

6.1 Personnel precautions, protective equipment and emergency procedures

Wear proper protective equipment.

Stop leak if safe to do so.

6.2 Environmental precautions

Prevent spills from entering sewers, watercourses or low areas.

6.3 Methods and materials for containment and cleaning up

Absorb spill with inert material (dry sand, earth, et al), then place in a chemical waste container.

Preventive measures for secondary accident

Wash contaminated surfaces with water.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Preventive measures

(Exposure Control for handling personnel)

Do not breathe dust/fume/gas/mist/vapors/spray.

Exhaust/ventilator

Exhaust/ventilator should be available.

Safety treatments

Avoid contact with skin.

Avoid contact with eyes.

Safety Measures/Incompatibility

Obtain special instructions before use.

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

Wash hands et al thoroughly after handling.

When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Recommendation for storage

Keep container tightly closed.

Incompatible storage condition

Protect from sunlight.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Adopted value

No ACGIH values available

8.2 Exposure controls

Appropriate engineering controls

Do not use in areas without adequate ventilation.

Individual protection measures

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Hand protection

Wear protective gloves.

Eye protection

Wear safety glasses with side-shields or chemical safety goggle.

Skin and body protection

Wear protective clothing.

Safety and Health measures

Do not get in eyes, on skin, or on clothing.

Wash ... thoroughly after handling.

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical properties

Appearance: Liquid

Color: Colorless

Odor: None

pH: 7.5 - 8.0

Phase change temperature

Initial Boiling Point/Boiling point data N.A.

Melting point/Freezing point data N.A.

Decomposition temperature data N.A.

Flash point: Not applicable

Auto-ignition temperature: Not applicable

Explosive properties data N.A.

Vapor pressure data N.A.

Vapor density data N.A.

Specific gravity/Density data N.A.

Viscosity data N.A.

Solubility

Solubility in water: Soluble

n-Octanol /water partition coefficient data N.A.

SECTION 10: Stability and reactivity

10.2 Chemical stability

Stable under normal storage/handling conditions.

10.3 Possibility of hazardous reactions

Stable under normal conditions.

10.4 Conditions to avoid

Not available

10.5 Incompatible materials

Not available

10.6 Hazardous decomposition products

Not available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No Acute toxicity data available

No Irritant properties data available

No Allergenic and sensitizing effects data available
No Mutagenic effects data available
No Carcinogenic effects data available
No Teratogenic effects data available
No reproductive toxicity data available
No STOT-single/repeated exposure data available
No Aspiration hazard data available

SECTION 12: Ecological information

12.1 Toxicity

No Aquatic toxicity data available
No Persistence and degradability data available
No Bioaccumulative potential data available
No Mobility in soil data available
Ozone depleting chemical data not available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/container in accordance with local/national regulation.
Dispose of after diluting with large amount of water.

SECTION 14: Transport information

UN No, UN CLASS
Not applicable to UN NO.

SECTION 15: Regulatory information

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

N/A

SECTION 16: Other information

The product is not applicable to GHS classifications.

Reference Book

Globally Harmonized System of classification and labelling of chemicals, (5th ed., 2013), UN
Supplier's data/information

General Disclaimer

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