

SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT CODE: 303140**PRODUCT NAME:** U.S. Hearty 5.25oz White**COMPANY IDENTIFICATION**

| | |
|---|--|
| Company name | PADICO Co., Ltd. |
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| Department | Research and Development section |
| Person in charge | Yuta Endo |
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| Recommended use of product and restrictions on use | Production of handcraft work and accessories |

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**PHYSICAL HAZARDS**

| | | |
|--|---|----------------|
| Explosives | : | Not classified |
| Flammable gases | : | Not classified |
| Flammable aerosols | : | Not classified |
| Oxidizing gases | : | Not classified |
| Gases under pressure | : | Not classified |
| Flammable liquids | : | Not classified |
| Flammable solids | : | Not classified |
| Self-reactive substances and mixtures | : | Not classified |
| Pyrophoric liquids | : | Not classified |
| Pyrophoric solids | : | Not classified |
| Self-heating substances and mixtures | : | Not classified |
| Substances and mixture which, in contact with water, emit flammable gases | : | Not classified |
| Oxidizing liquids | : | Not classified |
| Oxidizing solids | : | Not classified |
| Organic peroxides | : | Not classified |
| Corrosive to metals | : | Not classified |

HEALTH HAZARDS

| | | |
|--|---|----------------|
| Acute toxicity(oral) | : | Not classified |
| Acute toxicity(skin) | : | Not classified |
| Acute toxicity (inhalation: gas) | : | Not classified |
| Acute toxicity (inhalation: dust) | : | Not classified |
| Acute toxicity (inhalation: mist) | : | Not classified |
| Skin corrosion / irritation | : | Not classified |
| Serious eye damages / eye irritation | : | Not classified |
| Respiratory sensitization | : | Not classified |
| Skin sensitization | : | Not classified |
| Germ cell mutagenicity | : | Not classified |
| Carcinogenicity | : | Not classified |
| Reproductive toxicity | : | Not classified |
| Specific target organ toxicity [single exposure] | : | Not classified |
| Specific target organ toxicity [repeated exposure] | : | Not classified |

Aspiration hazard : Not classified

ENVIRONMENTAL HAZERDS

Aquatic toxicity (acute) : Category 2

Aquatic toxicity (chronic) : Not classified

Harmful effect on the ozone layer : Not classified

GHS LABEL ELEMENTS INCLUDING: PRECAUTIONRY STATEMENTS

SYMBOL : -

SIGNAL WARD : -

HAZARD STATEMENT : Harmful to aquatic organisms

PRECAUTIONRY STATEMENTS

[Prevention] : Wear safety glasses, a mask for organic gas and gloves if necessary.

Wash your hands after handling.

[Response] : Use CO2, foam or dry chemical powder in case of fire.
If in eyes: rinse with water for 15minutes. Remove contact lenses, if present and easy to do. Get medical attention immediately

If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing.

If on skin: wash with plenty of soap and water.

If swallowed: rinse mouth with water. Get medical attention if needed.

[Storage] : Store in cool and dark space(5~40°C)

[Disposal] : Disposal of contents / container to waste in accordance with local / regional / national / international regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS
SUBSTANCE/MIXTURE:**

| Component | Content (%) | Cas No. |
|-----------------------|-------------|-----------|
| Inorganic powder | 7-10 | |
| Fine hollow particles | 3-5 | |
| Pulp | 1-4 | 9004-34-6 |
| starch | 6-8 | 9005-25-8 |
| Aqueous paste | 4-9 | |
| Surfactant | < 1.0 | |
| Water | 45-65 | 7732-18-5 |

4. FIRST AID MEASURES

IF IN EYES : Flush eyes thoroughly with lot of water. If pain or redness occurs, get medical attention

IF ON SKIN : Wash with plenty water or warm water. If pain or any change on appearance occurs get medical attention. Surface active agent may be irritating.

IF INHALED : If start feeling ill when inhaled gases from the products, immediately move to the fresh air area and rest. Get medical attention if needed.

A material in products contains small iso-butane.

IF SWALLOWED : Wash inside of mouth with water. If possible, drink a lot of water and induce vomiting. Get medical attention if needed.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA : Water, carbon dioxide, foam, powder and others

UNSUITABLE EXTINGUISHING : none

MEDIA

- SPECIFIC EXTINGTION METHOD : Take regular method
- SPECIAL PROTECTIVE FOR FIRE-FIGHTERS : Ware self-contained breathing apparatus and other protective equipment.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES : If at indoor, ventilate enough during work. Ware protective equipments (groves, glasses and breathing apparatus etc.), if needed. Preparation fire extinguishers for fire.
- ENVIROMENTAL PRECAUTIONS : Be careful to avoid spillage flows into rivers.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP RECOVERY AND NEUTRALIZATION MEASURES TO PREVENT SECONDARY DISASTER : If not danger, stop leak. Ground all of used appliances. Scrape up or suction cleaning Promptly remove all sources of ignition in the vicinity. Prepare fire extinguishers in case the ignition.

7. HANDLING AND STORAGE

HANDLING

- TECHNICAL MEASURE (LOCAL-VENTILATION/WHLE-VENTILATION) : Take measures of as described in chapter “8. EXPOSURE CONTROLS / PERSONAL PROTECTION” and ware an appropriate protective equipment.
- NOTES : Thoroughly ventilated. Wear appropriate protective equipment (glasses, gloves, etc.). Place local ventilation or wear protective mask if vapor or mist is generated.
- CONTACT EVASION : Refer to “10. STAVILITY AND REACITIVITY”.
- HYGIENE MEASURES : Wash hands thoroughly after handling.

STORAGE

- APPROPRIATE SAFEKEEPING CONDITION : Store in cool and dark space (5~40°C). After using, stored in sealed.
- PACAGING MATERIALS : Containers accepted Fire & Disaster Management Act and UN regulation should be used.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- CONTROL LIMIT : Not set
- OCCUPATIONAL EXPOSURE LIMITS : Japan Society for Occupational Health: Not set
ACGIH: Not set
- FACILITY AND EQUIPMENT MEASURES : Provide shower and eye washer at place where is stored and handled this material.
- PERSONAL PROTECTIVE EQUIPMENT
- Respiratory protection : Wear respiratory protective device (chemical-cartridge respirator for organic gas, air-line respirator, etc.).
- Hand protection : Wear greaseproof protective gloves.
- Eye protection : Wear safety goggles (normal glasses type, goggle type, etc.).
- Skin and body protection : Wear personal protective equipment (antistatic type) and

protective shoes (antistatic type).

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|-------------------------------------|---|----------------------------------|
| Physical condition | : | Solid |
| Color | : | white |
| Odour | : | Slightly acidic odor |
| pH | : | 7.2(1+100 water solution) |
| Freezing point | : | Not applicable |
| Boiling point | : | Not applicable |
| Flash point | : | Not applicable |
| Explosion properties | : | Not applicable |
| Vapor pressure | : | Not applicable |
| Specific gravity | : | 0.35-0.4 |
| Solubility | : | Soluble and dispersible in water |
| Octanol/water partition coefficient | : | Not applicable |
| Autoignition temperature | : | Not applicable |
| Decomposition temperature | : | Not applicable |

10. STABILITY AND REACTIVITY

| | | |
|------------------------------------|---|--|
| REACTIVITY | : | No information |
| STABILITY | : | Stable for normal storage and handling. |
| POSSIBILITY OF HAZARDOUS REACTIONS | : | No observation |
| CONDITIONS TO AVOID | : | Low temperature (and under 5°C) and high temperature (and above 40°C). |
| INCOMPATIBLE MATERIALS | : | No observation |
| HAZARDOUS DECOMPOSITION PRODUCTS | : | No observation |

11. TOXICOLOGICAL INFORMATION

| | | |
|--|---|---|
| ACUTE TOXICITY [ORAL] | : | May be harmful if swallowed. |
| ACUTE TOXICITY [SKIN] | : | No data |
| ACUTE TOXICITY [INHALATION] | : | No data |
| SKIN CORROSION/IRRITATION | : | No data |
| SERIOUS EYE DAMAGE/EYE IRRITATION | : | Surfactant: category 1 Cut-off value / concentration limit \geq 1.0% |
| RESPIRATORY OR SKIN SENSITIZATION | : | No data |
| GERM CELL MUTAGENICITY | : | No data |
| CARCINOGENICITY | : | No data |
| REPRODUCTIVE TOXICITY | : | No data |
| SPECIFIC TARGET ORGAN TOXICITY [SINGLE EXPOSURE] | : | No data |
| SPECIFIC TARGET ORGAN TOXICITY [REPEATED EXPOSURE] | : | No data |
| ASPIRATION HAZARD | : | No data |

12. ECOLOGICAL INFORMATION

| | | |
|-----------------------------------|---|------------------------------|
| ECOTOXICITY | : | Harmful to aquatic organisms |
| DEGRADABILITY AND PERSISTENCE | : | No data |
| BIOACCUMULATION POTENTIAL | : | No data |
| MOBILITY IN SOIL | : | No data |
| HARMFUL EFFECT ON THE OZONE LAYER | : | No data |

13. DISPOSAL CONSIDERATION

| | | |
|---------------------------------|---|--|
| THE REMAINDER WASTE | : | Disposal of the remainder to waste in accordance with local / regional / national / international regulations. |
| POLLUTION CONTAINER AND PACKING | : | Disposal of container to waste in accordance with local / regional / national / international regulations. |

14. TRANSPORT INFORMATION INTERNATIONAL REGULATIONS

| | | |
|--------------------|---|---|
| UN number | : | Not applicable |
| Hazard class | : | Not applicable |
| Packing Group | : | Not applicable |
| Special precaution | : | Avoid impact, which causes breakage of packing. |

15. REGULATORY INFORMATION

| | | |
|---|---|----------------|
| The evaluation of chemical substances and regulation of their manufacture, etc. (JAPAN) | : | Not applicable |
| Industrial Safety and Health act (JAPAN) | : | Not applicable |
| Fire and Disaster Management act (JAPAN) | : | Not applicable |
| Poisonous and Deleterious Substances control act (JAPAN) | : | Not applicable |

16. OTHER INFORMATION REFERENCES

1. Japan chemical industry association, "GHS correspondence guideline (2012)"
2. National institute of technology and evaluation, "Chemical Risk Information Platform (CHRIP)"
<http://www.safe.nite.go.jp/japan/db.html>
3. National Institute of Health Sciences (NIHS), "International Chemical Safety Cards (ICSC) -Japanese Version"
<http://www.nihs.go.jp/ICSC/>
4. UNITED NATIONS, "GLOVALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) Rev.4 (2011)

All specifications are to be created based on the information we can get at this time may be revised by new knowledge.

The content, the physic-chemical property and so on are not a guaranteed performance. Notes are usually aimed at handling. If special handling, usage, please Usage for safety measures.