

SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT CODE: 303107

PRODUCT NAME: Hearty White 200g

COMPANY IDENTIFICATION

| | |
|---|--|
| Company name | PADICO Co., Ltd. |
| Address | 673-3 Jinba Gotenba City, Shizuoka JAPAN 412-0047 |
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| Department | Research and Development section |
| Person in charge | Yuta Endo |
| Fax | 0550-89-5951 |
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| E-mail | safety@padico.co.jp |
| 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 HAZERDS

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

PRECAUTINARY 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 starch | 1-4 | 9004-34-6 |
| Aqueous paste | 6-8 | 9005-25-8 |
| Surfactant | 4-9 | |
| Water | < 1.0 | |
| | 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 MEDIA : none
- 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 : Store in cool and dark space (5~40°C).
- CONDITION : 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 : Japan Society for Occupational Health: Not set
- EXPOSURE LIMITS : 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 : 6-7 (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. STABILATY AND REACTIVITY

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

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 : No data
 [SINGLE EXPOSURE]
 SPECIFIC TARGET ORGAN TOXICITY : No data
 [REPEATED EXPOSURE]
 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 OG 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.