

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY NAME : HAKKO CORPORATION
ADDRESS : 4-5, Shiokusa 2-chome, Naniwa-ku, Osaka, 556-0024 Japan
SECTION IN CHARGE : Research & Development Center
EMERGENCY TELEPHONE NUMBER : International Sales Division: +81-6-6561-3225
PRODUCT NAME : Cleaning sponge
MODEL : A1536

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Hazardousness : Long time skin contact before cleaning with water may result in skin problem.

Taxonomic group name : No data available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Single-ingredient product or mixture : Single-ingredient product

Chemical name	Cellulose
Ingredient and its content	100%
Chemical formula	(C ₆ H ₁₀ O ₅)n (Basic molecular formula)
CAS No.	9004-34-6
PRTR No.	-

* Ingredient content is the content before using the product.

Hazardous component: No data available

4. FIRST-AID MEASURES

- If in eyes** : Flush eyes with clean water completely and seek medical attention if eyes are still uncomfortable.
- If on skin** : Wash with soap and water, if you feel irritation on skin. In the case of red skin or itching, seek medical attention.
- If inhaled** : N/A
- If ingested** : Immediately induce vomit and seek medical attention in case of the sickness feeling. .
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5. FIRE FIGHTING MEASURES

- Extinguishing media** : Carbon dioxide, dry chemical.
- Extinguishing procedures** : Same as general fire extinguishing procedure.
- Extinguishing media not to be used** : Water or extinguish media containing moisture.
- Special protective equipment for firefighters** : Extinguish fire from up wind and wear protective gear to prevent inhaling generated gas.
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6. ACCIDENTAL RELEASE MEASURES

- Health consideration** : None.
- Environmental consideration** : None.
- Removing procedures** : Recover by using a broom or vacuum cleaner.
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7. HANDLING AND STOCK

Handling

- Engineering control** : None.
- Safety handling note:** Take care not to damage the product physically.

Stock

- Stock condition** : Store as general manner. Take care not to damage the product physically.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Facility measure** : None

Allowed concentration	-
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- Protective gear** : Use protective glove if necessary during cutting, die cutting, and packing procedures.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Colored solid with micro pores.
Volatile	:	-
Fusing point	:	-
Specific gravity	:	-
Flammability		Flammable under dry condition.
Flash point	:	-
Solubility	:	Water insoluble
Oxidizability	:	-
Ignition point	:	-
Ignitability	:	No natural ignitability, no water reactivity, stable for single use at normal temperature

10. STABILITY AND REACTIVITY

Stability	:	Stable at normal temperature.
Reactivity	:	No data available.
Condition to avoid	:	No data available.
Combustion product	:	No data available.

11. TOXICOLOGICAL INFORMATION (Including symptom of human and epidemical information)

Skin causticity	:	Not known.
Acridity (Skin, eyes)	:	Not known.
Sensibilization	:	Not known.
Acute toxicity	:	Not known.
Subacute toxicity		Not known.
Chronic toxicity	:	Not known.
Carcinogenecity	:	Not known.
Mutagenicity (Microbial and chromosomal aberration)	:	Not known.
Reproductive toxicity	:	Not known.
Teratogenicity		Not known.
Other information	:	Not known.

12. ECOLOGICAL INFORMATION

Mobility	:	Not known.
Degradation	:	Not known.
Bioaccumulation	:	Not known.
Toxicity for fish	:	Not known.

13. DISPOSAL CONSIDERATIONS

This product does not become hazardous waste.

When burning, no toxic gas generates since it is of plant origin.

When tin solder adhere to a disposed sponge, it is noted that tin solder may elute out depending on the environmental condition.

14. TRANSPORTATION INFORMATION

Specific safety measure and condition for transportation:

Make sure of no leakage of containers, load properly not to fall, drop, or damage, and securely prevent load collapse.

UN Classification and UN Number: N/A

15. REGULATORY INFORMATION

Industrial Safety and Health Law: N/A

PRTR Law: N/A

Aviation Law: N/A

Clean Water Act: N/A

16. OTHER INFORMATION

Reference:

This document has been prepared based on the information and data that are available as of this date. Therefore, it may be revised when new information or data has been obtained.

The information and data contained herein are subject to the normal use. The evaluation of dangerousness and toxicity is, therefore, not always applicable. For this reason, the safety precautions suitable for your purpose and method must be taken prior to the use.