

# Material Safety Data Sheet

No. MSDS- 332-1

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## 1. PRODUCT AND COMPANY IDENTIFICATION

Material Name	Hairgrowju
Company	Technoble Co., Ltd.
Address	6-8, Kitahorie, 1-chome, Nishi-ku, Osaka, Japan
Telephone number	81-6-6538-2595
Telefax number	81-6-6538-2597
Emergency telephone number	81-6-6538-2595

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Single substance or mixture	Mixture
Substance name	BURDOCK ROOT EXTRACT
INCI name	ARCTIUM LAPPA ROOT EXTRACT
Contents	ARCTIUM LAPPA ROOT EXTRACT 1% WATER 49% BUTYLENE GLYCOL 50%
Essence	Solution of extract obtained from root of <i>Arctium lappa</i> .
CAS No.	84012-13-5, 7732-18-5, 107-88-0

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## 3. HAZARDS IDENTIFICATION

Hazardous Classification	NOT HAZARDOUS
Symbols	No symbol
Signal Words	No signal word
Precautionary Statements	
Prevention	No precautionary phrases.
Response	No precautionary phrases.
Storage	No precautionary phrases.
Disposal	No precautionary phrases.
Other Hazards which do not result in classification	Not classified as flammable.

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## 4. FIRST-AID MEASURES

Inhalation	Move from the contamination area immediately to fresh air.
Skin contact	Wash with large amount of water.
Eye contact	Immediately flush with large amounts of water, and consult medical personnel.
Ingestion	Give large amount of water to drink. If gastrointestinal symptoms develop, consult medical personnel.

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## 5. FIRE-FIGHTING MEASURES

Extinguishing	No information
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## 6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Wipe off with waste.
Personal precautions	No information
Environmental	No information

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**7. HANDLING AND STORAGE**

Handling	Spend quickly after open the package.
Storage	Store in a dark place at 15–25°C.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Personal protective equipment No information

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	Liquid
color	Light yellow to brown
odor	It has a faint characteristic odor.
Specific temperatures	No information
pH	5.5–7.0
Water Solubility	Soluble

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**10. STABILITY AND REACTIVITY**

Flash point	>200 Degree Fahrenheit
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**11. TOXICOLOGICAL INFORMATION**

- (1) Alternative testing to ocular irritation (OECD TG491) Non toxicity
- (2) Alternative to skin irritation testing(OECD TG439) No irritant
- (3) Alternative to skin irritation testing(h-CLAT:OECD TG 442E) Negative
- (4) Alternative to phototoxicity testing(OECD TG432) Negative
- (5) Human patch testing No irritant
- (6) Repeated Insult Patch Test Negative (20%)

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**12. ECOLOGICAL INFORMATION**

No information

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**13. DISPOSAL CONSIDERATIONS**

Dilute with plenty of water and abandon.

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**14. TRANSPORT INFORMATION**

International transportation regulations	
Sea	Not applicable
Air	Not applicable
United Nations Number	Not applicable
Precautionary transport measures and conditions	Avoid rough handling or dropping.

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**15. REGULATORY INFORMATION**

The product is not subject to classification according to the sources of literature known to us.

Please refer to national measures that may be relevant.

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**16. OTHER INFORMATION**

This information is based on our present knowledge.  
However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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