



SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Name of product: **BEAD WAX BWM**

Manufacture Information: MARUNI INDUSTRY CO., LTD.
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Phone +81-6-6716-4171

Emergency advice: Phone +81-6-6716-4171

Recommended use(s): Lubricant for mounting / demounting tires

2. Hazards Identification

GHS Classification

Toxic to Reproduction	Category 2
Specific target organ toxicity - Repeated exposure	Category 1(kidney, liver)
Acute toxicity to the aquatic environment	Category 3
Chronic toxicity to the aquatic environment	Category 3

Label Elements

Pictogram and Symbol :



Signal word :

Danger

Hazard statement :

H361	Suspected of damaging fertility or the unborn child.
H372	Causes damage to kidney and liver through prolonged or repeated exposure.
H402	Harmful to aquatic life.
H412	Harmful to aquatic life with long-lasting effects.

Precautionary statements :

Prevention

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.



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P260	Do not breathe mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P281	Use personal protective equipment as required.

Response

P308+P313	IF exposed or concerned: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.

Storage

P405	Store locked up.
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Disposal

P501	Dispose of contents/ container in accordance with local/ regional/ national/ international regulations.
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3. Composition/ information on ingredients

Chemical Identity Lubricant

Synonyms - - -

Chemical Formula Mixture

CAS No.	Component Name	Percent
Trade Secret	Glycols	60 - 65
7732-18-5	Water	25 - 30
67701-11-5	Fatty acids sodium salt	5 - 10

4. First aid and Measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water, Consult a physician.



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In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never make him/her vomit by force. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas.

For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.



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6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. Handling and storage

7.1 Precautions for safe handling

Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

For precautions see section 2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure controls/ Personal protection

8.1 Engineering measures

Use exhaust ventilation to keep airborne concentrations below exposure limits.

Use adequate ventilation.

8.2 Ventilation

Local exhaust; recommended, mechanical(General) ; recommended

8.3 Control parameters

Contains no substances with Occupational Exposure limit values.

8.4 Personal protection

Respiratory protection	Safety masks
Hand protection	Chemical resistance gloves
Eye protection	Safety glasses(goggles)
Skin protection	Protective clothing

9. Physical and Chemical properties



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Information on basic physical and chemical properties

a) Appearance	Yellow, solid
b) Odour	lemon like
c) Odour Threshold	No data available
d) pH	8~9
e) Melting point/freezing point	55°C
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper explosive limits	No data available
Lower explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	1.07 g/ml
n) Water solubility	No data available
o) Partition coefficient : n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

10. Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available



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10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Other decomposition products - No data available

In the event of fire ; see section 5

11. Toxicological information

Information on toxicological effects

Acute toxicity	(Glycols)
LD50 Oral - Rat -	15.6 g/kg
LD50 Dermal - Rabbit -	13,300mg/kg

Skin corrosion/irritation

Rabbit	slightly irritating
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Serious eye damage/eye irritation

Not Irritating

Respiratory or skin sensitization

Not known

Germ cell mutagenicity

Not known

Carcinogenicity

Not known

Reproductive toxicity

Category 2

Specific target organ toxicity - single exposure

Not known

Specific target organ toxicity - repeated exposure

Category 1 (kidney, liver)



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12. Ecological information

12.1 Toxicity		(Glycols)
LC50	Fish(Pimephales promelas), 96h	75,200 mg/l
BOD		No data available
12.2 Persistence and degradability		No data available
12.3 Bioaccumulative potential		No data available
12.4 Mobility in soil		
Log Pow :		No data available
Soil adsorption(Koc):		No data available

13. Disposal considerations

Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. Transport information

14.1 UN number	Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR
14.2 UN proper shipping name	
14.3 Transport hazard class(es)	
14.4 Packing group	
14.5 Environmental hazards	
14.6 Special precautions for user	

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
Authorisations and/or restrictions on use	



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Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2 Chemical Safety Assessment

16. Other information

NOTICE: MARUNI INDUSTRY CO., LTD. believes that information contained on this safety data sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all-inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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Maruni Industry Co., Ltd

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Technical Division