

REF. No. 20185	<b>Shampoo for Glasses Extra Clean [Mint Berry]</b>	Created date	2012/12/5
Ver. 4	<b>SOFT99 corporation</b>	Rev. date	2018/10/18

## Safety Data Sheet

### 1. Identification

Product name	<b>Shampoo for Glasses Extra Clean [Mint Berry]</b>
Product code	20185
Manufacturer	Soft99 Corporation
Address	6-5, Tanimachi 2-Chome, Chuo-ku, Osaka, 540-0012, Japan
Department	Research & Development
Telephone	06-6942-6958
Product use	Cleaning for spectacles
Date of creation	2012/12/5
Date of revision	2018/10/18

### 2. Hazard identification

GHS classification		
Serious eye damage/irritation		Category 2
Germ cell mutagenicity		Category 1
Reproductive toxicity		Category 1
Specific target organ toxicity (Repeated exposure)		Category 2 (liver)
Hazardous to the aquatic environment (Acute)		Category 3
Hazardous to the aquatic environment (Chronic)		Category 3

Note: Classifications not shown here are either not applicable, or cannot be tested.

GHS label symbols



Signal word **Danger**

Hazard statements

H319 Causes serious eye irritation  
H340 May cause genetic defects  
H360 May damage fertility or the unborn child  
H373 May cause damage to organs through prolonged or repeated exposure  
H402 Harmful to aquatic life  
H412 Harmful to aquatic life with long lasting effects

Precautions

[Safety Measures]  
P201 Obtain special instructions before use.  
P202 Do not handle until all the safety precautions have been read and understood.  
P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P273 Avoid release to the environment.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face shield.  
[First aid measures]  
IF INHALED:  
P340 If you feel unwell, remove victim to fresh air and keep comfortable for breathing.  
P312 Call a POISON CENTER/doctor/physician, if you feel unwell.  
IF SWALLOWED:  
P330,331 Do NOT induce vomiting. Rinse mouth.  
P311 Call a POISON CENTER/doctor/physician.  
IF IN EYES:  
P351 Rinse cautiously with water for at least 15 minutes.  
P338 Remove contact lenses, if present and easy to do. Continue rinsing.  
P313,337 If eye irritation persists, get medical advice/attention.  
IF ON SKIN:  
P352 Wash with water and soap.  
P333,313 If skin irritation or rash occurs, get medical advice/attention.  
P308,313 If exposed or concerned, get medical advice/attention.  
[Storage]  
P102,405 Keep out of reach of children. Store locked up.  
Do not allow to freeze.  
[Disposal]

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P501 Dispose of product and containers in accordance with all applicable local, state, federal, and international regulations.

### 3. Composition/information on ingredients

Classification of the substance or mixture

- Mixture

Ingredient	(wt%)	CAS No.
Fatty acid amide propyl betaine	1-5	Non-disclosed
Ethanol	0.1-1	64-17-5
Sterilizing agent	< 1	Non-disclosed
Water	85-95	7732-18-5

### 4. First-aid measures

INHALATION:

- Remove victim to fresh air and keep comfortable for breathing.
- Get medical advice/attention if symptoms persist.
- If vomiting occurs, keep head low so that stomach content does not enter the lungs.
- If breathing difficulties develop, oxygen should be administered by qualified personnel.
- Symptoms may arise some time after inhalation.
- If any of the above symptoms occur, get immediate medical advice/attention.

SKIN CONTACT

Although not a poison or serious irritant, if liquid contacts the skin, do the following.

- Wash affected area with large amounts of water and soap.
- Take off contaminated clothing.

EYE CONTACT

- Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.
- Ensure thorough flushing behind the eyelids, and all around the eye.
- Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists, get medical advice/attention.
- If intense pain persists, get medical advice/attention immediately.

INGESTION

- Immediately rinse mouth thoroughly.
- Call a POISON CENTER/doctor/physician.
- Do NOT induce vomiting.
- If a child is suspected of swallowing this product, seek medical treatment immediately.

Most serious sign(s) and/or symptom(s)

- None known.

Notes to doctor

- Not specified.

### 5. Fire-fighting measures

Suitable extinguishing media

- The contents of this product are noncombustible.
- Use the appropriate fire extinguishing agent.

Specific hazards with regard to fire-fighting

- Fumes emitted from the burning product contain poisonous gases such as carbon monoxide, nitrogen oxides, etc. When extinguishing, take care not to inhale the smoke.

Particular fire fighting measures

- If possible, perform extinguishing procedures upwind from the fire.
- Evacuate all non-essential personnel from immediate area.
- In case of fire nearby, move product to a safe place.
- Do not admit non-essential people to the area of the fire.
- Apply water from a safe distance to cool and protect surrounding area.
- Avoid discharges of environmentally harmful substances.

Protection for firefighters

- Wear proper protective gloves, goggles and mask.
- Perform extinguishing procedures upwind from the fire. Avoid breathing fumes.
- Use breathing equipment.

### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- If indoors, ensure sufficient ventilation until the clean-up has been completed.
- Wear suitable protective equipment such as protective mask, gloves, goggles and apron during cleanup operation.

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- Prevent others from entering the area with a rope, etc.
- Take suitable measures to avoid contact with skin, inhalation of fumes and dust, etc.
- Work from upwind, evacuate people from downwind of the release.
- As a precaution against fire, prepare a fire extinguisher.
- The area of the spillage may be slippery. Take care.

#### Environmental precautions

- Do not release into rivers, sewers, or other routes that may damage the environment.
- When diluting with large amounts of water, do not release contaminated water without proper treatment.

#### Methods and materials for containment and cleaning up

- If in small quantities, absorb the spill (using sand, sawdust, rags, etc.) and thoroughly wipe up the remnants using cloth or rags. Move contaminated material to a sealed container.
- If in large quantities, contain the spill with dykes (sandbags, etc.) before cleaning up.
- Deal with contaminated material and waste according to the appropriate regulations.

#### Prevention of secondary disasters

- To prevent spreading or accidents, inform the relevant person(s) immediately.

## 7. Handling and storage

- |           |   |
|-----------|---|
| Handling  | <ul style="list-style-type: none"> <li>• Read the instructions and take all precautions before use.</li> <li>• Do not use except for intended purpose.</li> <li>• Obtain special instructions before use.</li> <li>• Do not handle this product until all safety precautions have been read and understood.</li> <li>• Avoid breathing dust/fumes/gas/mist/vapors/spray.</li> </ul> |
| Storage   | <ul style="list-style-type: none"> <li>• Store according to instructions on the product.</li> <li>• Store in a locked area.</li> </ul>  |
| Packaging | <ul style="list-style-type: none"> <li>• Not specified.</li> </ul>  |

## 8. Exposure controls/personal protection

- |                      |  |
|----------------------|--|
| Protective equipment | <ul style="list-style-type: none"> <li>• If vapors, mist, or smoke is produced, provide ventilation.</li> <li>• Provide local exhaust ventilation when using indoors.</li> </ul> |
|----------------------|--|

Occupational exposure guidelines	ACGIH	
	(TLV-TWA)	(TLV-STEL)
Ethanol	1000 ppm	

※No data exist for substances not shown here.

#### Personal protective equipment

- |             |   |
|-------------|---|
| Respiratory | • Wear dust respirator, gas mask or organic solvent gas mask as needed.       |
| Hand        | • Wear protective gloves, solvent resistant gloves or vinyl gloves as needed. |
| Body        | • Wear protective clothing or protective apron as needed.                     |
| Eye         | • Wear protective glasses, goggles or mask as needed.                         |

## 9. Physical and chemical properties

Appearance	: Transparent, colorless liquid
Odor	: Characteristic odor
pH (25°C)	: 7.35±0.5
Melting point	: No data
Boiling point and range	: 100 °C
Flash point	: Non
Auto-ignition temperature	: No data
Combustion/explosion limits	: No data
Vapor pressure (25°C Product internal pressure)	: No data
Density (25°C)	: 1.005±0.01
Solubility in water	: Soluble

## 10. Stability and reactivity

Chemical stability	• Stable under normal conditions.
Possibility of hazardous reactions	• None known.
Conditions to avoid	• None known.
Incompatible materials	• None known.
Hazardous decomposition products	• None known.
Other	• None known.

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## 11. Toxicological information

Substances not shown here are below the GHS cutoff, or have no data.

Acute toxicity

Fatty acid amide propyl betaine	(Oral)	LD50 5000 mg/kg (Rat)
Ethanol	(Oral)	LD50 6.2-17.8 g/kg (Rat, PATTY(6th,2012))
Sterilizing agent	(Oral)	LD50 500 mg/kg (Mouse)
Ethanol	(Dermal)	LD50Lo 20 g/kg (Rabbit, SIDS(2005))
Ethanol	(Inhalation)	LC50 20,661~66,181 ppmV/4h (Rat)
Skin corrosion/irritation	No data.	
Serious eye damage/irritation	Causes serious eye irritation (Category 2)	
Respiratory/skin sensitization	No data.	
Germ cell mutagenicity	May cause genetic defects (Category 1)	
Carcinogenicity	No data.	
Reproductive toxicity	May damage fertility or the unborn child (Category 1)	
Specific target organ toxicity (Single exposure)	No data.	
Specific target organ toxicity (Repeated exposure)	May cause damage to organs through prolonged or repeated exposure (Category 2)	
Aspiration hazard	No data.	

## 12. Ecological information

Substances not shown here are below the GHS cutoff, or have no data.

Hazardous to the aquatic environment (Acute)

Ethanol	LC50 11200 ppm /96h (Fishes (Oncorhynchus mykiss), SIDS(2005))
Sterilizing agent	LC50 0.28 mg/L/96h (Pimephales promelas) Harmful to aquatic life (Category 3)

Hazardous to the aquatic environment (Chronic)

	Harmful to aquatic life with long lasting effects (Category 3)
Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility in soil	No information available.
Harmful to the ozone layer	No information available.

## 13. Disposal considerations

- Use all contents before disposal.
- Dispose of in accordance with applicable regional, national, and local laws and regulations.

## 14. Transport information

UN class	N/A
UN number	N/A

Specific safety measures and condition for transportation

- Check for breakages and leaks
- Prevent luggage from collapsing
- Wrap, display and transport according to the law.
- Avoid direct sunlight
- Do not wet
- Pack upright
- Do not place on hot surfaces (outside during summer, etc.)
- Handle carefully to avoid shocks and violent movements

## 15. Regulatory information

Follow the applicable regional, national, and local laws and regulations.

## 16. Other information

References

- Hazard communication of chemicals based on GHS-Labeling and Safety Data Sheet (SDS) JIS Z7253(2012)
- GHS Classification Results (NITE website, Japan)
- Supplier's SDS
- Guide to SDS Composition for Auto Chemicals (JACA)

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