



### 1. Identification of the substance or mixture and of the supplier

<b>Product Name</b>	Power Motor Plus AT Car Wash Concentrate
<b>Recommended use</b>	Car Wash
<b>Detail of the manufacturer</b>	Standard Manufacturing Co., Ltd 844 Moo 4 (Bangpoo Industrial Estate Soi 12), Praeksa , Muang, Samutprakarn 10280
<b>Phone Number</b>	66 2 709 3709
<b>Fax</b>	66 2 709 4684
<b>Emergency Telephone Number</b>	66 2 709 3709

### 2. Hazards Identification

#### GHS Classification

Acute toxicity (Oral)	Category 5
Skin corrosion / irritation	Category 2
Serious eye damage / eye irritation	Category 2A
Chronic hazards to the aquatic environment	Category 3

#### Symbol



#### Signal word

Warning

#### Hazard Statements

- H303 May be harmful if swallowed.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long lasting effects.

#### Hazard Statements

#### Prevention

- P264 Wash hand thoroughly after handling.
- P280 Wear protective gloves/protective clothing/eyes protection/face protection
- P273 Avoid release to the environment.

#### Response

- P302+P352 IF ON SKIN : Wash with plenty water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense if present and easy to do . Continue rinsing.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P321 Specific treatment (see product on this label)
- P332+P313 If skin irritation occurs. Get medical advice/attention.
- P337-P313 If eye irritation persists: Get medical advice/attention
- P362+P364 Take off contaminated clothing and wash it before reuse.

#### Storage

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal P501 Dispose of contents container to accordance with local.

**3. Composition/Information on Ingredients**

Active Ingredients	CAS	%(w/w)
Linear alkyl benzene sulfonate, sodium salt	-	19.00
Sodium lauryl ether sulfate	-	6.00
Alkyl polyglycoside	-	2.00

**4. First Aid Measures**

**Inhalation** Remove person to fresh air. If your feel unwell, get medical attention

**Skin contact** Wash off immediately with plenty of water for at least 15 minutes.Remove contaminated clothing.  
If skin irritation occurs. Get immediate medical attention..

**Eye contact** Rinse immediately with plenty of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention

**Ingestion** Rinse mouth. Do not induce vomiting. Immediately get medical attention

**Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

**5. Fire Fighting Measures)**

**Suitable Extinguishing Media** Water spray, Foam, Carbon dioxide, Dry chemical.

**Unsuitable Extinguishing Media** Water jet.

**Specific hazards arising from the chemical** Not available.

**Special Fire Fighting Precautions** Wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure. mode. (approved or equivalent) .  
Containers should be cooled with water to prevent vapor pressure build up.

**6. Accidental Release Measures**

**Personal precautions** Evacuate person move the area to fresh air .  
Do not contact with skin. Separate the hazardous area and control the people use personal protective equipment only to in-out area. Ensure adequate ventilation

**Environmental precautions** Avoid discharge into drains, water courses or onto the ground.

**Methods and materials for containment and cleaning up** Ventilated area and adsorb with sand and transfer to container for disposal according to local / national regulations.

**7. Handling and Storage**

**Precautions for safe handling** Avoid contact with skin, eyes and inhalation. Use the product in well-ventilated area. protective to breathing dust/fume/gas/mist in workplace. Wear protective gloves/

protective clothing/eyes protection/face protection.

**Condition for safe storage**

Keep containers tightly closed in a dry, cool and well-ventilated place.  
 Away from heat, sunlight . Keep container closed when not in use.

**8. Exposure Controls/Personal Protection**

Occupational exposure limits	Chemical	Agency	Limit type
	-	-	-

**Engineering Measures**

Ensure well-ventilate area.

**Personal Protective Equipment**

Respiratory Protection : No respiratory protection should be needed.

Eye Protection: Wear chemical goggle and face shield.

Hand Protection: Wear chemically resistant protective gloves

Skin protection : Wear suitable protective clothing.

**9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid
<b>Appearance</b>	Clear viscous liquid, green
<b>Odor</b>	Characteristic (Fragrance)
<b>Odor threshold</b>	Not available.
<b>pH</b>	6.50 - 8.50 (at 25 <sup>0</sup> )
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid)</b>	Non flammable.
<b>Upper/lower flammability or explosive limits (% , v/v)</b>	
Lower ,(LEL)	Not available
Upper, (UEL)	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density (air=1)</b>	Not available
<b>Relative density (water=1)</b>	Not available
<b>Solubility; water</b>	Complete soluble.
<b>Partition coefficient</b>	Not available
<b>(n-octanol/water (log Kow) )</b>	
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Viscosity</b>	Not available

**10. Stability and Reactivity**

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Stability</b>	Stable under normal use.
<b>Hazardous Reactions</b>	No hazardous reaction known under normal use.
<b>Conditions to Avoid</b>	None.
<b>Incompatible Materials</b>	None.
<b>Hazardous Decomposition Products</b>	No hazardous under normal use.

**11. Toxicological Information**

<b>Acute Toxicity</b>	Acute oral toxicity	: LD50 > 2,000 mg/kg
<b>Skin corrosion / irritation</b>	Causes skin irritation.	
<b>Serious eye damage / eye irritation</b>	Causes serious eye irritation.	
<b>Respiratory sensitizer</b>	Not classified.	
<b>Skin sensitizer</b>	Not classified.	
<b>Germ cell mutagenicity</b>	Not classified.	
<b>Carcinogenicity</b>	Not classified.	
<b>Toxic to reproduction</b>	Not classified.	
<b>Specific target organ toxicity following single exposure</b>	Not classified.	
<b>Specific target organ toxicity following repeated exposure</b>	Not classified.	
<b>Aspiration hazard</b>	Not classified.	

**12. Ecological Information**

<b>Ecotoxicity</b>	Do not empty into drains.
<b>Acute hazards to the aquatic environment</b>	Not classified.
<b>Long-term hazards to the aquatic environment</b>	Acute hazards to the aquatic environment : Harmful to aquatic life with long lasting effects.
<b>Persistence and degradability</b>	Not available
<b>Bioaccumulation</b>	Not available
<b>Mobility in soil</b>	Not available
<b>Other Adverse Effects</b>	Not available

**13. Disposal Considerations**

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations

**14. Transport Information**



## Safety Data Sheet

# Longbow

Power Motor Plus AT Car Wash Concentrate

UN Number	Package group	Proper shipping name	Hazard Class	Synbol
-	-	-	-	-

### 15. Regulatory Information

**Law enforcement in Thailand.** Hazardous Substance Act BE 2535.

**Types of hazardous materials.** 1 ( FDA Thailand)

**Other regulations** Not avaiable.

### 16. Other Information)

**Issuing Date** 10-Dec-19

**Revision** "00

**Disclaimer** This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product