

SAFETY DATA SHEET



Revision Date : 23/04/2021

Section 1: Identification of the substance/mixture and of the company/under taking

1.1 Product identifier

Trade name: Active 500 Sanitizer LBW

1.2 Relevant identified uses of substance or mixture and uses advised against

Use of substance/Mixture: disinfectant

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Manufacturer:

Smartlab Co., Ltd , 333/29 Moo 9 333 Factoryland, Laharn, Bangbuatong, Nonrhaburi 11110, Thailand, Tel. 0-2964-4960 Fax. 0-2964-4965-66

Transfer:

Longbow (Thailand) Co., Ltd , 1000/42 P.B. Tower, 11th Floor Sukhumvit 71 North Klongton, Wattana, Bangkok 10110

Tel. 02-391-7581-3

Website: www.longbowthai.co.th

1.4 Emergency telephone number:

Tel. 02-391-7581-3

Section 2 : Hazard identification

2.1 Classification of the substance or mixture

Classification

Physical and Chemical hazards flammable liquids, Not classified

Health hazards

Acute toxicity (Oral)	Category 4
Skin corrosion / irritation	Category 1
Serious eye damage / Eye irritation	Category 1
Respiratory sensitization	Not classified
Skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ systemic toxicity	
-Single exposure	Not classified
-Repeated exposure	Not classified
Aspiration hazard	Not classified
Chronic hazards to the aquatic environment	Not classified

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2.2 Label elements

Hazard pictogram:



Signal word:

Danger

Hazard statements:

H302 Harmful if swallowed or in contact with skin

H314 Cause severe skin burns and eye damage

H318 Causes serious eye damage

Precautionary statement:

Prevention:

P260 Do not breathe dust/fume/gas/mist/vapours/spray

P264 Wash hand thoroughly after handling

P270 Do not eat, drink or smoke when using this product

P280 Wear protection gloves/protective clothing/eye protection/face protection

Response:

P310 Immediately call a doctor/physician

P321 Specific treatment (see... on this label)

P330 Rinse mouth

P363 Wash contaminated clothing before reuse

P301+P312 IF ON SWALLOW : Call a doctor/physician if you feel unwell

P301+P330+P331 IF ON SWALLOW : Rinse mouth.

Do NOT induce vomiting

P303+P361+P353 IF ON SKIN (or hair):

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+P351+P338 IF IN EYES: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes

P405 Store locked up

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P501 Dispose of contents/container to an approved waste disposal plant

Hazardous components which must be listed on the label:

Akyl dimethyl benzyl ammonium chloride CAS No. 68424-85-1

2.3 Other hazards

According to our present knowledge the product does not contain persistent, bio accumulative and toxic substances (PBT substances) or very persistent and very bio accumulative (vPvB substances) as define in Annex XIII of the Regulation (EG) No 1907/2006 (REACH), respectively.

Section 3 : Composition/information on ingredients

3.2 Mixtures

Chemical nature:

Dangerous components:		
Akyl dimethyl benzyl ammonium chloride	CAS No. 68424-85-1	9-11%

For the full text of the P-phrases in this section, see Section 16

For the full text of the H-phrases in this section, see Section 16

Section 4 : First aid measures

4.1 Description of first aid measures

General advice: Use of rubber glove and eye protection following good manufacturing practices.

After inhalation: Remove to fresh air and keep at rest.

After skin contact: Remove contaminated clothes. Wash with soap and water. Get medical attention immediately.

After eye contact: Immediately flush eyes with running water. Remove contact lens and continue flushing with plenty for at least 15 minutes. Get medical attention immediately.

After swallowing: Rinse mouth with water. Do Not induce vomiting. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Risks: Refer to section 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Treat symptomatically.

Section 5 : Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Dry chemical
Carbon dioxide (CO2)

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Fog
Foam
Water spray
Personal protective equipment comprising: suitable gloves, safety goggles and protective clothing. Wear self-contained breathing apparatus for firefighting if necessary.
Unsuitable extinguishing media: None

5.2 Special hazards arising from the substance or mixture

Special hazards during firefighting: Hazardous decomposition products formed under fire conditions can be released in case of fire: No hazardous combustion products are known.

5.3 Advice for firefighters

Special protective equipment: Cool containers/tanks with water spray. Collect contaminated fire extinguish water separately. This must not be discharged into drains.
For firefighters further information: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6 : Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid inhalation, ingestion and contact with skin and eye.

6.2 Environmental precautions

Environmental precautions: Do not allow contact with soil, surface or ground water.

6.3 Methods and material for containment and clean up

Method for cleaning up: Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections.

Refer to protective measures listed in section 7 and 8.

Section 7 : Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Do not ingest. Do not get in eye, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Use only with adequate ventilation. Wash hands thoroughly after handling.

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Advice on protection against
Fire and explosion:

Take measures to prevent the buildup of electrostatic charge.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage

Store in cool, dry, ventilated area away from children, heat source. Keep containers upright and tightly closed when not in use.

Areas and containers:

Further information on storage

Store in original container away from excessive heat and direct sunlight and out of reach of children and pets.

Conditions:

Advice on common storage:

Two years in original container at room temperature. Six months when dilutes.

7.3 Specific end use(s)

Note:

Consult the technical guideline for the use of this

substance/mixture.

Section 8 : Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Engineering measures

Ensure adequate ventilation.

Personal protective equipment

Respiratory protection:

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protective:

Wear the following personal protective equipment

Standard glove types.

Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection:

Wear eye protection / face protection

Skin and body protection:

Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

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Environmental exposure controls

General advice: The product should not be allowed to enter drains, water courses or the soil. Pay attention to local or official regulations.

Section 9 : Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Clear liquid
Colour:	Reddish
Odour:	no data available
Flash point:	no data available
Ignition temperature:	no data available
Explosion limits:	
Lower Explosion limit:	no data available
Upper Explosion limit:	no data available
Oxidizing properties:	no data available
Auto-ignition temperature:	no data available
pH:	7.5-8.5
Melting point/range:	no data available
Boiling point/range:	no data available
Vapour pressure:	no data available
Density:	no data available
Bulk density:	no data available
Water solubility:	Soluble
Partition coefficient:	no data available
n-octanol/water:	no data available
Viscosity, dynamic:	no data available
Relative vapour density:	no data available
Evaporation rate:	no data available

9.2 Other information

Conductivity: no data available

Section 10 : Stability and reactivity

10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under normal conditions.

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10.3 Possibility of hazardous reactions

Hazardous reactions: no data available

10.4 Conditions to avoid

Conditions to avoid: Direct source of heat

10.5 Incompatible materials

Materials to avoid: no data available

10.6 Hazardous decomposition products

Hazardous decomposition products: Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas

Section 11 : Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity: LD50 : 3,560 mg/l (calculate)

Akyl dimethyl benzyl ammonium chloride LD50 : 3,346 mg/l (rat)

Acute dermal toxicity Harmful if swallowed or in contact with skin.

Akyl dimethyl benzyl ammonium chloride : Corrosive

Skin irritation: Causes severe skin burn.

Eye irritation: Cause serious eye damage.

Skin sensitisation: May cause an allergic skin reaction.

Germ cell muagenicity No information available

Carcinogenicity No information available

Reproductive toxicity No information available

Specific target organ toxic, single exposure No information available

Specific target organ toxic, repeated exposure No information available

Section 12 : Ecological information

12.1 Toxicity No information available

12.2 Persistence and degradability No information available

12.3 Bioaccumulative potential No information available

12.4 Mobility in soil No information available

12.5 Result of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other advice effects No information available

Section 13 : Disposal considerations

13.1 Waste treatment methods

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Product: Pay attention to local or official regulations.
Contaminated packaging: Pay attention to local or official regulations.

14 Transport information

14.1 UN number

ADR: 3082
IMDG: 3082
IATA: 3082

14.2 Proper shipping name

ADR: Environmentally hazardous substance, liquid, N.O.S.
(Quaternary ammonium compound)
IMDG: Environmentally hazardous substance, liquid, N.O.S.
(Quaternary ammonium compound)
IATA: Environmentally hazardous substance, liquid, N.O.S.
(Quaternary ammonium compound)

14.3 Transport hazard class

ADR: 9
IMDG: 9
IATA: 9

14.4 Packing group

ADR: III
IMDG: III
IATA: III

14.5 Environmental hazards

ADR: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.6 Special precautions for user

see chapter 6-8

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks Not applicable

Section 15 : Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This product contain substance regulated as a hazardous substance under FDA Thai Hazard Substance.

15.2 Chemical safety Assessment

This information is not available.

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Section 16 : Other information

Full text of H-Statements referred to under section 2 and 3.

- H302 Harmful if swallowed or in contact with skin
- H314 Cause severe skin burns and eye damage
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Full text of P-Statements referred to under section 2 and 3.

- P260 Do not breath dust/fume/gas/mist/vapours/ spray
- P264 Wash hand thoroughly after handling
- P270 Do not eat, drink or smoke when using this product
- P280 Wear protection gloves/protective clothing/eye protection/face protection
- P310 Immediately call a doctor/physician
- P321 Specific treatment (see... on this label)
- P330 Rinse mouth
- P363 Wash contaminated clothing before reuse
- P301+P312 IF ON SWALLOW : Call a doctor/physician if you feel unwell
- P301-P330+P331 IF ON SWALLOW : Rinse mouth. Do NOT induce vomiting
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- P304+P340 IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305+P351+P338 IF IN EYES: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes
- P405 Store locked up
- P501 Dispose of contents/container to an approved waste disposal plant

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.

Department issuing SDS: Technical department.