

MATERIAL SAFETY DATA SHEET

COMPANY : LONGBOW (THAILAND) CO.,LTD.

PRODUCT : **ACTIVE 500-DEODORIZATION**

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

ACTIVE 500 - DEODORIZATION

AIR DEODORIZER & SANITIZER Sanitizer for areas with foul smells, mouldy smell and cigarette smoke. Designed to breakdown odourous molecules born from Bacteria and Bio-Organisms

LONGBOW (THAILAND) CO.,LTD.

1000/42 P.B. Tower 11th Floor, Sukhumvit 71, Bangkok 10110

Tel +662 391 7581 Fax +662 381 2921

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

This product is water-based , non volatile , non-flammable Non-CFC , biodegradable and does not contain heavy metal, phosphates , silicates , petroleum surfactants or solvents Petroleum distillates

Chemical Name of the Substance : Proprietary mixture of plant-based liquid(Phytochemical) as a major active ingredients and other ingredients that are

1. Sodium Lauryl Sulphate CAS No. 151-21-3 ,
2. Sodium Dodecyl Benzene Sulfonate CAS No. 25155-30-0 ,
3. Propylene Glycol 57-55-6

SECTION 3: HAZARDS IDENTIFICATION

Ingestion : The product is harmful if swallowed. Avoid ingestion.

Eye Contact : The product may cause eye irritation. Avoid contact with eye.

Skin Contact : Prolonged or repeated exposure may cause skin drying and irritation.

Carcinogens : Product contains no ingredients listed by OSHA, IARC, or NTP. As known or suspected carcinogens.

SECTION 4: FIRST AID MEASURES

Use of rubber gloves and eye protection following good manufacturing practices

If inhaled : Product is NON-VOLATILE/NON-REACTIVE. No extra precaution is required.

In case of skin contact : Under normal use conditions no adverse effect is expected. Prolonged contact may cause drying and irritation. If contact skin, wash off with water. Contact physician if any persistent irritation occurs.

If swallowed : Drink plenty of water or milk and consult physician.

In case of eye contact : Rinse thoroughly with water. Contact physician if any persistent irritation occurs.

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SECTION 5: FIRE-FIGHTING MEASURES

Flash Point : None
Flammable Limit : Non-flammable
Auto Ignition Temp : N/A
Extinguishing Media : N/A (This product is water-based and non-flammable)
Specific Hazards : None
Specific Methods : Standard fire fighting procedures

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken in the event

Material is spilled or released : Wash spilled product with plenty of water and dispose off according to local regulations. Adjustment of pH level may be required before disposal.

Personal Precautions : Use of rubber gloves and eye protection is recommended.

Environmental Precautions : None

SECTION 7: HANDLING ,STORAGE AND TRANSPORTATION

Storage Temp : Room temperature or cooler (20°C - 30°C) to avoid separation.

Average Shelf Life : Two years in original container at room temperature. Six months when diluted.

Special Sensitivity : Avoid prolonged exposure to excessive heat and direct sunlight.

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

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respirator Type : Not required

Eye Protection : Safety glasses recommended

Gloves : Recommended

Ventilation : Not required

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid

Color : Viscous light straw liquid

Odor : Pleasant odor

Water Solubility : 100%

BoilingPoint : 100°C

Freezing Point : 0°C

Viscosity : 10-15mm²/sec

Specific Gravity : 1.02±0.01@25°C

pH(1%sol@25°C) : 6.0 - 6.5

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Foaming Characteristic : Medium

Cloud Point(1% solution) : None

Free Fatty Acid : None

Total Phosphate in P₂O₅ : N/A

Oil Emulsion Properties : Y

Volatile Organics Content(s) gm/gm(EPA method 24-24A, 40 C.F.R.,part 60 Appendix A) : Non -Volatile

SECTION 10: REACTIVITY AND STABILITY

Stability Under Normal Condition : Stable

Hazardous Polymerization : Will not occur

Conditions to Avoid : N/A

Incompatibility (Materials to Avoid) : N/A

Hazardous Decomposition Products : N/A

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity : None

Local Effect : None

Specific Effects : None

SECTION 12: ECOLOGICAL INFORMATION

This product is not known to cause adverse ecological effect. It is readily biodegradable. Documents on product biodegradability are available by request

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Information : No special precautions. Dispose off according to local regulations.

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SECTION 14: TRANSPORT INFORMATION

This product is non-hazardous for air, sea and road freight.

This product contains no regulated ingredients which required special precautions for transportation.

SECTION 15: REGULATORY INFORMATION

No special regulatory condition required. Product complies to all known regulatory considerations.

SECTION 16: OTHER INFORMATION

For further information please contact Manufacturer :

Pinnacle Product Co.,Ltd.
159/35 Moo 5, Rama2 Road, Pantainorasing,
Subdistrict Samutsakorn, Thailand 7400
Tel:+66(0)34 440 738 Fax:+66(0)34440738

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