Safety Data Sheet according to 91/155/EEC

1. Identification of the substance/preparation and of the company

Trade name:

PHONE GUARDIAN 21 COUNT – X31420E

Manufacturer/Supplier:

Taiwan Bor Ying Corp.
59, Lane 369, Kimmen St. Phone: (02) 2681-5456
Pan Chiao, Taipei Hsien, Fax: (02) 2682-6590
Taiwan, R.O.C.

Emergency telephone:

(02) 2681-5456

EMERGENCY TELEPHONE: 800-535-5053 or 352-323-3500
24 HOUR EMERGENCY PHONE

2. Composition/Information on ingredients

% w/w		CAS no.:	Classification
5%	2-Propanol	67-63-0	F;R11

3. Hazards identification

Flammable liquid containing organic solvents.

4. First-aid measures

Inhalation:

Remove to fresh air. Keep at rest. If needed: get medical attention.

Skin contact:

Remove all contaminated clothing and wash with soap and water.

Eye contact:

Immediately flush with water or physiological salt water for at least 15 minutes, holding eye lids open, remember to remove contact lenses, if any. If irritation persists: get medical attention.

Ingestion:

Rinse mouth and drink plenty of water. Do not provoke vomiting. If vomiting occurs, keep head down to avoid vomit in the lungs. Get medical attention immediately.

Burns:

Flush with water until pain ceases.

Information:

Show this Safety Data Sheet to doctor or emergency ward.

5. Fire-fighting measures

Flammability:

Combustible liquid.

Extinguishing media - suitable:

Use foam, carbon dioxide or dry chemical.

Special risks in a fire situation:

The product may form hazardous decomposition products such as oxides of carbon.

Protective equipment:

When extinguishing fires use breathing apparatus with an independent source of air.

Additional information:

Remove containers if possible or use water spray to keep fire-exposed containers cool. Do not breathe smoke gasses.

6. Accidental release measures

Personal precautions:

Provide for sufficient ventilation/respiratory protection. See protective equipment listed in section 8. Remove sources of ignition. Ventilate area of leak or spill.

Environmental precautions:

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

Methods for cleaning up/collecting:

Absorb spillage with a cloth or flush away with water. Wipe up large amounts of spillage with a cloth and place in a plastic container for disposal. Flush area of spill with plenty of water. Further handling of spillage: See section 13.

7. Handling and storage

Safe handling:

See section 8.

Safe storage:

Well closed in original container in a well-ventilated place. Keep out of the reach of children. Store in a flammable liquid storage area.

8. Exposure controls and personal protection

Engineering measures (prevention of worker exposure):

Avoid breathing vapours. Provide for effective ventilation. Avoid contact with skin, eyes and clothes. Remove contaminated clothes. Don□ eat or drink while using the product.

Flammable, do not use near fire or sparks. Do not smoke.

Exposure limits: 400 ppm = 980 mg/m^3 (2-Propanol) UK

Personal protective equipment:

Respiratory protection:

In case of bad ventilated areas or use of large amounts, use an approved mask with an independent source of air. 2-Propanol is not effectively absorbed by carbon filters.

Skin protection:

When risk of direct contact use gloves of butyl rubber, nitrile rubber or 4H.

Eye protection:

Wear tight fitting safety goggles when risk of splashes.

9. Physical and chemical properties

Appearance:	Clear, colourless liquid
Odour:	Caracteristic
pH:	-
Boiling point (°C):	-
Melting point (°C):	-
Flash point (°C):	app. 39
Explosion limits (%v/v):	2-12 for 2-propanol
Vapour pressure (hPa) at 20蚓:	43 for 2-propanol
Density g/ml at 20°C:	-
Solubility in water:	Miscible

10. Stability and reactivity

Stability:

Combustible at temperatures above: app. 39蚓. Vapours can be ignited by a spark, a hot surface or a glow. Vapours are heavier than air.

Conditions to avoid:

Strong heat.

Materials to avoid:

Can react with strong oxidizing materials.

Hazardous decomposition products:

At fire the product may produce hazardous decomposition products such as oxides of carbon.

11. Toxicological information

Routes of exposure:

May be absorbed through skin, by inhalation and ingestion.

Acute toxicity:

Inhalation:

Vapours can irritate the airways and induce headache, dizziness, narcosis and unconsciousness.

Skin:

Irritation with redness and degreases skin. 2-Propanol can be absorbed through skin, see inhalation.

Eyes:

Irritation with redness.

Ingestion:

Strong irritation, see inhalation.

Long term toxicity:

Prolonged or frequent inhalation of vapours of VOC☐ may cause damage on liver, kidneys or permanent damage to the central nervous system (brain damage). Prolonged or frequent contct can cause eczema and inflammation of the skin as a result of degreassing.

12. Ecological information

For pure 2-propanol: BOD_{20} : 78% ThOD. The product may cause pollution.

13. Disposal considerations

Disposal should be according to local, state or national legislation. Dispose of through authority facilities or pass to chemical disposal company.

EWC-Code: 20 01 13

14. Transport information

Road/Rail:

ADR: 3/31c **UN No.:** 1219 (alcohols, flammable, n.o.s.)

Sea:

IMDG Class: 3 **IMDG Page No.:** 3303

MFAG: 305 **MARPOL: -**

EmS: 3-06 **Pack. Group:** III

15. Regulatory information

Danger Symbol:

None

Contains: 2-Propanol; <5% Non-ionic surfactants

Risk- and Safety-phrases **Contents:** 0.8ml.per tissue

R 10: Flammable.

S 2: Keep out of the reach of children.

S 46: If swallowed, seek medical advice immeditely and show this container or label.

Restriction on application:

-

Special training:

No special training is anticipated, however, the worker should be well instructed for the execution of his task, have knowledge of this Safety Data Sheet and normal training in use of personal protective equipment.

National regulations:

-

16. Other information

Use:

Cleaner.with tissue

Edition no.: 1 Date (revision):8/1/2066 Changes in section(s): -