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	Jan.15,2010
BINGO MARKER	TS2010011206



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Commercial Product Name : BINGO MARKER
Company : Tallon Internati

Emergency telephone number : +86-579-87707171

2. HAZARDS IDENTIFICATION

Most important hazards : Harmful if swallowed, may cause respiratory tract irritation, may cause kidney damage, may cause central nervous system.
Contact with skin may cause mild skin irritation.
Contact with eye may cause moderate eye irritation.

Environmental properties : Not hazardous.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name	Value(s)	CAS No.	EC No.	Symbol(s)	R-Phrase(s)
Water	: 73.4%	7732-18-5	231-791-2	----	----
Ethylene glycol	: 13.7%	107-21-1	203-473-3	----	R22
Glycerin	9.2%	56-81-5	200-289-5	----	----
Color pigment	3.7%	----	----	----	----

4. FIRST AID MEASURES

Inhalation : If symptoms are experienced, move victim to fresh air.
Obtain medical attention if breathing difficulty persists.

Skin contact : Flush skin with plenty of water for at least 15 minutes, Get medical aid if irritation develops or persists.

Eye contact : Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
Get medical aid if irritation develops or persists..
Not a probable route of exposure.

Ingestion : If person is conscious, rinse mouth with water.
Do not induce vomiting unless directed to do so by a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use sandy soil, dry chemical, carbon dioxide or foam as appropriate for materials in surrounding fire.

Specific hazards : ~~Carbon Monoxide, Carbon Dioxide,~~

Special protective equipment for firefighters : Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

刪除的內容: Carbon monoxide.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions	:	Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.
Environmental precautions	:	Do not flush into surface water. Soak up with inert absorbent material such as sand, silica gel, sawdust and so on.
Methods for cleaning up	:	Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local conditions.

7. HANDLING AND STORAGE

Storage	:	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Use only in a well-ventilated area.
Handling	:	Wear personal protective equipment. Keep away from open flames, hot surfaces and sources of ignition. Minimize dust generation and accumulation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.
Packaging material	:	Keep in properly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment	:	
Respiratory protection	:	Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Hand protection	:	Wear appropriate gloves to prevent skin exposure.
Eye protection	:	Wear appropriate protective eyeglasses or chemical safety goggles. Use only in area provided with appropriate exhaust ventilation.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls	:	No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid.
Colour	:	Green\Blue\Red\Purple.
Odour	:	Odourless.
pH	:	No data available.

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Boiling point/range	:	No data available.
Melting point/range	:	No data available.
Flash point	:	No data available.
Evaporation rate	:	No data available.
Vapour density	:	No data available.
Solubility in other solvents	:	No data available.
Explosive properties	:	No data available.
Oxidising properties	:	No data available.
Vapour pressure	:	No data available.
Relative density	:	No data available.
Water solubility	:	soluble.
Viscosity	:	No data available.
Partition coefficient (n-octanol/water)	:	No data available.

10. STABILITY AND REACTIVITY

Stability	:	Stable under normal temperatures and pressures.
Hazardous decomposition products	:	Carbon monoxide, carbon dioxide, acrid smoke and fumes.
Materials to avoid	:	Oxidising agents, Strong acids.
Conditions to avoid	:	Heat, flames and sparks.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	:	<p>Glycerin (CAS No.: 56-81-5) Draize test, rabbit, eye: 126 mg Mild; Draize test, rabbit, eye: 500 mg/24H Mild; Draize test, rabbit, skin: 500 mg/24H Mild; Inhalation, rat: LC50 = >570 mg/m³/1H; Oral, mouse: LD50 = 4090 mg/kg; Oral, rabbit: LD50 = 27 gm/kg; Oral, rat: LD50 = 12600mg/kg; Skin, rabbit: LD50 = >10 gm/kg.</p>
	:	<p>Ethylene glycol (CAS No.: 107-21-1) Draize test, rabbit, eye: 500 mg/24H Mild; Draize test, rabbit, eye: 100 mg/1H Mild; Draize test, rabbit, eye: 0.012 ppm/3D; Draize test, rabbit, eye: 1440 mg/6H Moderate; Oral, mouse: LD50 = 5500 mg/kg; Oral, rat: LD50 = 4700 mg/kg; Skin, rabbit: LD50 = 9530 uL/kg.</p>
Inhalation	:	<p>May cause respiratory tract irritation. Heated or misted substance may cause headache, irregular eye movements, and possible coma. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause headache. Expected to be a low ingestion hazard.</p>

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Skin contact : May cause mild skin irritation. May be harmful if absorbed through the skin. May cause reddening of the skin.
 Eye contact : May cause moderate eye irritation. Causes redness and pain.
 Ingestion : Harmful if swallowed.
 Chronic toxicity : May cause kidney injury and liver and kidney damage.

12. ECOLOGICAL INFORMATION

Bioaccumulation : No data available.
 Ecotoxicity effects : No data available.
 Mobility : [No data available.](#)

13. DISPOSAL CONSIDERATIONS

Waste from residues : Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

ADR/RID : Not classified as dangerous for conveyance in the meaning of the Carriage of Dangerous Goods by Road and Rail.
 IMDG : Not classified as dangerous in the meaning of transport regulations.
 ICAO/IATA : Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Labelling : No data available.
 Symbol(s) : No data available.
 R-phrase(s) : Ethylene glycol: R22
 S-phrase(s) : Glycerin: S24/25

16. OTHER INFORMATION

Sources of key data used to compile the datasheet : European Chemicals Bureau
 The contents and format of this MSDS are in accordance with EEC Commission Directive 1999/45/EC, 1967/548/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

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