MATERIAL SAFETY DATA SHEET

1.Identification of substance /mixture and of the company / undertaking

Chemical name: Surprised Yellow Water

Company Name: hand2mind

Address: 500 Greenview Court, Vernon Hills, Illinois, 60061 USA **Emergency telephone number:** Use your local emergency number

2. Hazard identification

Risk category: No

Invasion route: No

Health hazards: Eyes: Can cause minor eye irritation.

Skin: Prolonged or repeated contact may cause irritation or dermatitis.

Ingestion: Possible inhalation hazard.

Inhalation: May cause respiratory irritation and may lead to lung damage.

Chronic: Long-term inhalation may cause respiratory inflammation and lung damage. Prolonged or repeated contact with the skin can cause dermatitis.

Environmental hazards: No

Fire and explosion hazards: No

3. Composition/inforation on ingredients

Chemical Name in English	CAS No	% weight
Deionized water	7732-18-5	93.35%
Sodium sulfate	7757-82-6	6.5%
Tartrazine	1934-21-0	0.13 %
Bronopol	52-51-7	0.02%

4. First Aid Measures

Skin contact: Remove contaminated clothing and rinse with plenty of running water.

Eye contact: Lift eyelids and rinse with running water or saline. Seek medical attention.

Inhalation: Quickly remove from the scene to fresh air. Keep your airway clear. Administer oxygen if breathing is difficult. If breathing stops, give artificial respiration immediately. Seek medical attention.

Ingestion: Drink enough warm water to induce vomiting. Gastric lavage, drainage. Seek medical attention.

5. Fire-fighting measures

Dangerous characteristics: flammable in case of open fire, high heat. It reacts with oxidizing agents. In case of high heat, the pressure inside the container increases, and there is a risk of cracking and explosion.

Extinguishing Method: Move the container from the fire to an open area as much as possible. Spray water to keep the fire container cool until the fire is over. Containers

in the fire site must be evacuated immediately if they are discolored or produce sound from the safety relief device.
Fire extinguishing agent: mist water, foam, dry powder, carbon dioxide, sand.

6. Accidentalrelease measures

Emergency treatment: quickly evacuate the contaminated area to the safety zone, and isolation, strictly restrict access. Cut off the fire. It is recommended that emergency personnel wear a self-priming filter gas mask (full cover) and general work clothes. Cut off the source of leakage as much as possible.
Prevent flowing into sewers, flood drains and other restricted Spaces. Small amount of leakage: with sand, vermiculite or other inert material absorption. It is also possible to scrub with an emulsion made of a non-combustible dispersant, which is diluted and placed in the wastewater system. Large leakage: build a embankment or dig a pit to contain it. Transfer by pump to tank or special collector, recycling or transport to waste disposal site disposal.

7.Handling and storage

Operation precautions: closed operation, to provide good natural ventilation conditions. Operators must be specially trained and strictly abide by the operating procedures. It is recommended that operators wear a self-priming filter gas mask (half mask), chemical safety glasses, and chemical-resistant gloves. Keep away from fire and heat. No smoking in the workplace. Use explosion-proof ventilation systems and equipment. Prevents steam from leaking into the workplace air. Avoid contact with oxidants and acids. Light loading and unloading during handling, keep the package intact and prevent spilling and leaking. Equipped with the corresponding variety and quantity of fire equipment and leakage emergency treatment equipment. Empty containers may have harmful residues. Storage precautions: Store in a cool, ventilated warehouse. Keep away from fire and heat. It should be stored separately from oxidizers and acids, and should not be mixed. Equipped with the corresponding variety and quantity of fire equipment. The storage area should be equipped with leak emergency treatment equipment and suitable containment materials.

8. Exposure controls /personal protection

Occupational exposure limit: China MAC(mg/m3) :
Engineering control: Provide good natural ventilation conditions.
Respiratory system protection: Generally no special protection is required, and self-priming filter gas mask (half mask) can be worn when exposed to high concentrations.
Body protection: Wear general work protective clothing.

Eye protection: Wear chemical safety glasses when the concentration in the air is high.
Hand protection: Wear chemical-resistant gloves.

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Other protection: after work, shower and change clothes. Avoid prolonged and repeated exposure. Get regular checkups.

9. Physical and chemical properties

Appearance: yellow
Melting point (℃) : No
Boiling point (℃) : No
Relative density (water =1) : 0.76-0.78
Relative vapor density (air =1) :No
Saturated vapor pressure (kPa) : No
Flash point (° C) : 130 ~ 200
Ignition temperature (℃) : No
Maximum explosion %(V/V) : No
Lower explosive limit %(V/V) : No
Solubility: Insolubility
Main uses: No

10. Stability and reactivity

Stability: Stable at normal temperature and pressure.
Forbidden compound: strong oxidizing agent.

11. Toxicological information

Acute toxicity: No
Chronic toxicity: No
Carcinogenicity: Glycerol - not classified as a carcinogen.
Stimulating: See actually getting complete information on RTECS. Toxicological properties were not fully investigated.

12. Ecological information

Other harmful effects: No

13. Disposal information

Disposal precautions: No
Waste disposal methods: Relevant national and local regulations should be referred to before disposal. Incineration is recommended for disposal.

14. Transport informatlon

Packing method: No
Transportation precautions: Check whether the packaging container is complete and sealed before transportation, and ensure that the container does not leak or collapse during transportation.

No fall, no damage. It is strictly prohibited to mix with oxidants and acids. When shipping, it should be isolated from engine room, power supply, fire source and other parts. Road transport should follow the prescribed route.

15.Regulatory information

The Regulations on the Safety Management of Chemical Dangerous Goods, the Implementation Rules of the Regulations on the Safety Management of Chemical Dangerous Goods, and the Regulations on the Safe Use of Chemicals in Workplaces have made corresponding provisions on the safe use, production, storage, transportation, loading and unloading of chemical dangerous goods.

16. Other information

To the best of our knowledge,the information contained herein is accurate.However,neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness lf the information contained herein. Final determination of suitabilityu of any material is the sole responsibility ot the user.All materials may present unknown hazards and should be used with caution.Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other Information:

CAS Chemical Abstracts Service);

EC:(European Commission);

ACGIH:(Amercan Conference of Goovernmental Industrial Hygienists);

NIOSH:(US National Institute for Occupational Safety and Health);

OSHA(US Occupational Safety and Health);

TLV:(Threshold Limit Value)

TWA:(Time Weighted Average);

STEL:(Short Term Exposure Limit);

PEL:(Permissible Exposure Level);

REL:(Recommended Exposurd Limit);

PC-STEL:(Permissible concentration-time weighted average);

PC-TWA:(Permissible concentration-short time exposure limit);

LC50:((Lethal concentration,50 percent kill);

LD50(Lethal dose,50percent kill);

IARC:(International Agency for Research on Cancer);

EC50 Median effective concentration);

BCF:(Bioconcentration Factor);

BOD:(Biochemical oxygen demand);

NOEC:No observed effect concentration);

NTP:(US National Toxicology Program);

RTECS:(Registry of Toxic Effects of Chemical Substances);

IATA:(International Air Transport Association);

IMDG:(International Maritime Dangerous Goods);

TDG:(Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);

TOC:(Total Organic Carbon);

TSCA:(Toxic Substances Control Act lr USA);

DSL:(THE Domestic Substances List of Canada);

NDSL:(the Non-domestic Substances List of Canada)

End of report