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REPORT COVER PAGE

Ningbo HATEK Co., Ltd.

Ningbo HATEK Co., Ltd.

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Material Safety Data Sheet (MSDS)

For

Yixin Sunlin-Instant Hand Sanitizer

Applicant: Zhejiang Shenying Technology Co., Ltd. -Jiaojiang Branch

Address: No.2018, Haicheng Road, Jiaojiang District, Taizhou City, Zhejiang Province

Prepared by: Ningbo Hatek Co., Ltd.

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Requested Regulation (EC) No.1907/2006&1272/2008

Signed for and on behalf of
Ningbo Hatek Co., Ltd



Milse Xie
Laboratory Manager

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Section 1 - Chemical Product and Company Identification

Product Name: Yixin Sunlin-Instant Hand Sanitizer

Model No.: SL-023, SL-024, SL-026, SGHZ, SL-040, SL-041, SL-042

Tel: 18658602338

Fax: 0576-82424996

Chemical Uses: No toxicity, no irritation

Section 2 –Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

This mixture does not meet the criteria for classification in according with Regulation (EC) No.1272/2008.

2.2 Label elements

Labeling according to Regulation (EC) No. 1272/2008

This mixture does not need to be labeled in according with Regulation (EC) No.1272/2008.

Hazard statements:

This mixture does not meet the criteria for Hazard statements.

Precautionary statements:

This mixture does not meet the criteria for Precautionary statements.

2.3 Other hazards:

Results of PBT and vPvB assessment

This mixture does not meet the criteria for PBT and vPvB.

Section 3 – Composition/Information on Ingredient

Chemical Name	CAS No.	Composition (in% by weight)
Ethanol	64-17-5	69.6%
Water	7732-18-5	29.4%
Carbomer(Acrylates/C10-30 alkyl acrylate crosspolymer)	54182-57-9	0.26%
Triethanolamine	102-71-6	0.24%
Glycerol	56-81-5	0.5%

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Section 4 - First Aid Measures

After skin contact: Clean with soapy water.

After eye contact: Rinse opened eye for several minutes under running water.

After ingestion: If swallowed, dilute with water and induce vomiting. Never give fluids or induce vomiting to an unconscious person or person having convulsions. Seek medical attention immediately in this case.

Section 5 – Fire and Explosion Hazard Data

Extinguishing media: Small exergy CO₂, dry powder fire extinguishers, sand or clay, fire foam fire extinguisher, if involving charged device, preferably using dry powder fire extinguisher.

Specific hazards arising from the substance or mixture: Slight fire hazard when exposed to heat or flame. May expansion or decompose explosively when heated or involved in fire. Development of hazardous combustion gases or vapor possible in the event of fire.

Advice for fire-fighters: As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. Fight fire from a safe distance, with adequate cover. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6 - Accidental Release Measures

Environmental Protection: Isolation leakage polluted area, restricting access. Cut off the fire source. Recommended emergency personnel wearing a dust mask (full cover), wearing protective clothing. Leakage areas keep ventilation.

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid breathing vapours, mist, gas or dust. Avoid vapour formation.

Procedure for Cleaning/Collecting: Contain the spilled material using non-combustible absorbent and collect for disposal in accordance with local regulations using specified containers.

Section 7 - Handling and Storage

Handling Precautions: The use of human or corresponding mechanical equipment for foam stacking and waste recycling. Disposal of this material must be made in accordance with Federal, State and Local regulations.

Storage Precautions: Products must be stored in place of dike. Maintain warehouse cool, dry, ventilated, not subject to direct sunlight. Warehouse is strictly prohibited fireworks, from all sources of water, and equipped with the appropriate variety of fire equipment.

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Section 8 - Exposure Controls, Personal Protection

Control parameters: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering controls: Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location. Use explosion-proof electrical/ventilating /lighting/equipment. Set up emergency exit and necessary risk-elimination area. Handle in accordance with good industrial hygiene and safety practice.

Eye protection: Wear chemical safety glasses.

Body protection: Wear protective overalls on infiltration.

Hand protection: Wash hands after completing work. Gloves recommended.

Other protection: 1. Work site prohibit smoking, eating and drinking; 2. Work complete, thorough cleaning; 3. Separate storage of toxic pollution by the clothes, washed the standby; 4. Pay attention to personal hygiene.

Section 9 - Physical and Chemical Properties

Physical State: viscous liquid

Odor: aqueux

PH value: N/A

Vapor Pressure: N/A

Melting point: N/A

Boiling point: N/A

Flammability(solid, gas): N/A

Vapor Density (Air = 1): N/A

Decomposition Temperature: N/A

Evaporation rate (butyl acetate = 1): N/A

Natural temperature: N/A

Density (water = 1): N/A

Flash Point: N/A

Other information: N/A

Section 10 - Stability and Reactivity

Stability: Normal conditions and stability.

Avoid material: Dimethyl benzene, Acetone and other solvents.

Avoid contact with conditions: 1. Avoid heat, fire environment; 2. Avoid strong oxidizing environment; 3. Avoid exposure to strong acidic environment.

Aggregate hazard: N/A

Decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

Acute toxicity:

Component	Cas No.	LD ₅₀ (oral)	LD ₅₀ (dermal)	LC ₅₀ (inhalation,4h)
Ethanol	64-17-5	438mg/kg(rat)	No information available	No information available
Water	7732-18-5	438mg/kg(rat)	No information available	No information available
Carbomer(Acrylates/C10-30 alkyl acrylate crosspolymer)	54182-57-9	438mg/kg(rat)	No information available	No information available
Triethanolamine	102-71-6	438mg/kg(rat)	No information available	No information available
Glycerol	56-81-5	438mg/kg(rat)	No information available	No information available

Carcinogenicity:

Component	Cas No.	IARC	NTP
Ethanol	64-17-5	Not Listed	Not Listed
Water	7732-18-5	Not Listed	Not Listed
Carbomer(Acrylates/C10-30 alkyl acrylate crosspolymer)	54182-57-9	Not Listed	Not Listed
Triethanolamine	102-71-6	Not Listed	Not Listed
Glycerol	56-81-5	Not Listed	Not Listed

Others:

Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

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Section 12 - Ecological Information

Acute aquatic toxicity:

Component	Cas No.	Fish	Crustaceans	Algae
Ethanol	64-17-5	No information available	No information available	No information available
Water	7732-18-5	No information available	No information available	No information available
Carbomer(Acrylates/C10-30 alkyl acrylate crosspolymer)	54182-57-9	No information available	No information available	No information available
Triethanolamine	102-71-6	No information available	No information available	No information available
Glycerol	56-81-5	No information available	No information available	No information available

Chronic aquatic toxicity:

Component	Cas No.	Fish	Crustaceans	Algae
Ethanol	64-17-5	No information available	No information available	No information available
Water	7732-18-5	No information available	No information available	No information available
Carbomer(Acrylates/C10-30 alkyl acrylate crosspolymer)	54182-57-9	No information available	No information available	No information available
Triethanolamine	102-71-6	No information available	No information available	No information available
Glycerol	56-81-5	No information available	No information available	No information available

Persistence and degradability:

Component	Cas No.	Persistence (water/soil)	Persistence (air)
Ethanol	64-17-5	Low	Low
Water	7732-18-5	Low	Low
Carbomer(Acrylates/C10-30 alkyl acrylate crosspolymer)	54182-57-9	Low	Low
Triethanolamine	102-71-6	Low	Low
Glycerol	56-81-5	Low	Low

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Bioaccumulative potential:

Component	Cas No.	Bioaccumulative potential	comments
Ethanol	64-17-5	Low	No information available
Water	7732-18-5	Low	No information available
Carbomer(Acrylates/C10-30 alkyl acrylate crosspolymer)	54182-57-9	Low	No information available
Triethanolamine	102-71-6	Low	No information available
Glycerol	56-81-5	Low	No information available

Mobility in soil:

Component	Cas No.	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (KOC)
Ethanol	64-17-5	Low	No information available
Water	7732-18-5	Low	No information available
Carbomer(Acrylates/C10-30 alkyl acrylate crosspolymer)	54182-57-9	Low	No information available
Triethanolamine	102-71-6	Low	No information available
Glycerol	56-81-5	Low	No information available

Results of PBT and vPvB assessment:

Component	Cas No.	Results of PBT and vPvB assessment (according to (EC) No 1907/2006)
Ethanol	64-17-5	not PBT/vPvB
Water	7732-18-5	not PBT/vPvB
Carbomer(Acrylates/C10-30 alkyl acrylate crosspolymer)	54182-57-9	not PBT/vPvB
Triethanolamine	102-71-6	not PBT/vPvB
Glycerol	56-81-5	not PBT/vPvB

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Section 13 - Disposal Considerations

Waste characteristics: Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.

Waste disposal method: Follow federal, state and local department all provision about health and abandoned handling.

Waste Note: N/A

Section 14 - Transport Information

Transportation Note: Transport ago, examine containers is complete, seal or not, ensure that the container does not leak, does not collapse, and does not fall and no damage. Strictly prohibited with oxidants, food chemicals and other mixed loading mixed transportation. Conveyance must be thoroughly cleaned, disinfected, or not shipped with other goods.

IMDG-CODE: NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS.

ICAO/IATA-DG: NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS.

UN-ADR: NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS.

Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture: N/A

Chemical Safety Assessment: N/A

Section 16 - Additional Information

References: N/A

Guidance Department: N/A

Data Audit Unit: N/A

Edit Description: N/A

Abbreviations and acronyms:

CAS - Chemical Abstracts Service

IARC - International Agency for Research on Cancer

LC50 - Lethal Concentration 50%

LD50 - Lethal Dose 50%

PBT - Persistent, Bioaccumulative, Toxic

vPvB - very Persistent, very Bioaccumulative

IMDG - International Maritime Dangerous Goods

ICAO/IATA - International Civil Aviation Organization/ International Air Transportation Association

UN - The United Nations

Disclaimer:

This Safety Data Sheet (SDS) was prepared according to REACH Regulation the data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the

diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

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