



浙江省检验检疫科学技术研究院
国家危险化学品检测重点实验室（浙江）



电话 (Tel): 0571 8352 7220
传真 (Fax): 0571 8352 7219
邮编 (Post code): 311215
地址 (Add.): 中国杭州市萧山区建设三路 398 号

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Safety Data Sheet



Applicant name: STORY OF LOVE COSMETICS CO., LTD

Product Name: Instant Hand Sanitizer


Edit date: 12th March, 2020

Edit institution: Zhejiang Academy of Science and Technology for Inspection and Quarantine

Approver:



1. Unless other wise stated, this test report is only responsible for the sample(s).
2. This test report can not be reproduced,except in full,without prior written permission of the lab.

| 1. Identification of substance | |
|---|---|
| Product Name | Instant Hand Sanitizer |
| Trade Name | None |
| Chemical Name | None |
| Recommended Use | Hand washing free disinfection and sterilization |
| Manufacturer | STORY OF LOVE COSMETICS CO., LTD |
| Address | NO. 358, Shengshou Road, Chengxi Special Industrial Zone, Yiwu City, Zhejiang Province, 322000, P.R.China |
| Phone Number | +86-579-85736318 |
| Fax Number | +86-579-85507797 |
| WEB | None |
| Emergency Phone Number | +86-579-85507796 or call your nearest poison control centre |
| 2. Hazards identification | |
| GHS classification | Flammable liquids 2 |
| GHS Pictograms |  |
| Signal words | Danger |
| Hazard statements | H225: Highly flammable liquid and vapour |
| Precautionary Statement Prevention | P210: Keep away from heat/sparks/open flames/hot surfaces.-No smoking. P233: Keep container tightly closed. P240: Ground/bond container and receiving equipment. P241: Use explosion-proof electrical/ventilating/lighting equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P280: Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statement Response | P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water[or shower]. P370+P378: In case of fire: Use extinguisher to extinguish. |
| Precautionary Statement Storage | P403+P235: Store in a well-ventilated place. Keep cool. |
| Precautionary Statement Disposal | P501: Dispose of contents/container in according with local regulation. |
| Other hazards which do not result in classification | Not available. |
| 3. Composition/information on ingredients | |
| <input type="checkbox"/> Substances | |

| ✓ Mixtures | | | |
|--|--|---------------|----------|
| Component Information | | | |
| Component | CAS number | EINECS number | Mass(%) |
| Ethyl Alcohol | 64-17-5 | 200-578-6 | 75%wt |
| Aqua | 7732-18-5 | 231-791-2 | 20.35%wt |
| Glycerin | 56-81-5 | 200-289-5 | 3%wt |
| PEG-7 Glyceryl Cocoate | 68201-46-7 | 614-376-4 | 1%wt |
| Carbomer | 9007-20-9 | 618-435-5 | 0.4%wt |
| Triethanolamine | 102-71-6 | 203-049-8 | 0.25%wt |
| 4.First-aid measures | | | |
| NOTE TO PHYSICIAN | In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed. | | |
| After inhalation | Move to fresh air. Oxygen or artificial respiration if needed. Get immediate medical attention. | | |
| After skin contact | Immediately flush skin with plenty of water. Remove and isolate contaminated clothing and shoes. If irritation persists, get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse. | | |
| After eye contact | Immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention immediately. | | |
| After ingestion | Rinse mouth. Give one or two glasses of water to drink. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Loosen tight clothing such as a collar, tie, belt or waistband. Do not use mouth-to-mouth method if victim ingested the substance. Seek immediate medical attention. | | |
| Most important symptoms/effects, acute and delayed | No data available. | | |
| 5. Fire-fighting measures | | | |
| Suitable extinguishing agents | Water spray, alcohol-resistant foam, carbon dioxide, dry chemical powder, sandy soil. | | |
| Special hazards caused by the material, its products of combustion or flue gases | The decomposition products depend on temperature, air supply and other substances. Decomposition products may include but are not limited to: carbon monoxide and carbon dioxide, chloride, irritating and toxic fumes and gases. | | |
| Protective equipment for fire-fighters | Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. | | |
| 6. Accidental release measures | | | |
| Person-related safety | Ensure adequate ventilation. Remove all sources of ignition. | | |

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| precautions | Beware of vapours accumulating to form explosive concentrations. Ventilate closed spaces before entering. Keep unnecessary personnel away. |
| Measures for environmental protection | Prevent further leakage or spillage if safe to do so. Do not allow material to be released to the environment without proper governmental permits. |
| Measures for cleaning/collecting | Control spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in suitable container. Clean contaminated surface thoroughly. |
| Additional information | See Section 7 for information on safe handling See section 8 for information on personal protection equipment. See Section 13 for information on disposal. |

7. Handling and storage

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| Handling | |
| Information for safe handling | Use spark-proof tools and mechanical equipments. In case of insufficient ventilation, wear suitable respiratory equipment. |
| Information about protection against explosions and fires | Keep away from heat, sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. |
| STORAGE | |
| Requirements to be met by storerooms and containers | Keep in a dry and well-ventilated place free from direct sunlight and rain. Keep tightly closed until used. Use of explosion-proof lighting, ventilation facilities. |
| Information about storage in one common storage facility | Store away from incompatible substances such as strong oxidizing agents, alkalis, etc. |
| Further information about storage conditions | Storage area should be equipped with appropriate variety and quantity of fire equipment, emergency treatment equipments and suitable materials for leakage. |

8. Exposure controls/personal protection

| Limit Values for Exposure | | | | | |
|---------------------------|------------|---------------------|----------------|---------------|----------------|
| Component | CAS number | ACGIH TLV-TWA | ACGIH TLV-STEL | NIOSH REL-TWA | NIOSH REL-STEL |
| Ethyl Alcohol | 64-17-5 | N.E. | 1,000 ppm | 1,000 ppm | N.E. |
| Glycerin | 56-81-5 | N.E. | N.E. | N.E. | N.E. |
| PEG-7 Glyceryl Cocoate | 68201-46-7 | N.E. | N.E. | N.E. | N.E. |
| Carbomer | 9007-20-9 | N.E. | N.E. | N.E. | N.E. |
| Triethanolamine | 102-71-6 | 5 mg/m ³ | N.E. | N.E. | N.E. |

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| Appropriate engineering controls | Use adequate ventilation to keep airborne concentrations low. Provide safety shower and eyewash facility. |
| General protective and hygienic measures | Do not get this material in contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. |
| Personal protective equipment | Splash goggles, gloves, protective clothing and a vapor respirator. |
| Breathing equipment | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. |
| Protection of hands | Wear appropriate chemical resistant gloves. |
| Eye/Face protection | Use safety glasses with side shields or safety goggles as mechanical barrier for prolonged exposure. |
| Body protection | Full set of anti chemical reagent overalls, flame retardant antistatic protective clothing, choose body protection according to the amount and concentration of the dangerous substance at the work place. |

Note:1. N.E. means not established.

9. Physical and chemical properties

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| Physical state | Colorless transparent plastic bottle (contain colorless transparent gel) |
| Colour | Colourless |
| Odour | Odourless |
| Melting point/freezing point | No data available |
| Boiling point or initial boiling point and boiling range | No data available |
| Flammability | Highly flammable |
| Lower and upper explosion limit/ flammability limit | No data available |
| Flash point | <23 °C (Closed cup) |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| pH | No data available |
| Kinematic viscosity | No data available |
| Solubility | No data available |
| Partition coefficient: n-octanol/water(log value) | No data available |
| Vapour pressure | No data available |
| Density and/or relative density | No data available |
| Relative vapour density | No data available |

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| (air=1) | |
| Particle characteristics | Not applicable |
| 10. Stability and reactivity | |
| Reactivity | Ethyl Alcohol reacts slowly with calcium hypochlorite, silver oxide and ammonia. This generates fire and explosion hazard. Reacts violently with strong oxidants such as nitric acid, silver nitrate, mercuric nitrate and magnesium perchlorate. This generates fire and explosion hazard. |
| Chemical stability | Stable under recommended storage conditions. |
| Possibility of hazardous reactions | No data available. |
| Conditions to avoid (e.g. static discharge, shock or vibration) | Heat and flame and spark. The extreme temperatures and direct sunlight. Static discharge. |
| Incompatible materials | Avoid contact with strong oxidizing agents, alkalis, etc. |
| Hazardous decomposition products | The decomposition products depend on temperature, air supply and other substances. Decomposition products may include but are not limited to: carbon monoxide and carbon dioxide, chloride, irritating and toxic fumes and gases. |
| 11. Toxicological information | |
| This product is a preparation for which no toxicological data exists. When available, toxicological data for the product's hazardous ingredients are provided below. | |
| Routes of Entry: Dermal contact, eye contact, inhalation, ingestion. | |
| Acute Toxicity | |
| Ethyl Alcohol (CAS 64-17-5) | LD50 (Oral, rat): 10,470 mg/kg LC50 (Inhalation, rat): 124.7 mg/l (4 h) LD50 (Dermal, rabbit): N/A |
| Glycerin (CAS 56-81-5) | LD50 (Oral, rat): 12,600 mg/kg LC50 (Inhalation, rat): N/A LD50 (Dermal, rabbit): > 10,000 mg/kg |
| Skin corrosion/Irritation | Not classified |
| Serious eye damage/irritation | Not classified |
| Respiratory or skin sensitization | Not classified |
| Germ cell mutagenicity | Not classified |
| Carcinogenicity | Not classified |
| Reproductive toxicity | Not classified |
| STOT-single exposure | Not classified |
| STOT-repeated exposure | Not classified |
| Aspiration hazard | Not classified |
| Chronic Effects | Not classified |
| Further Information | None. |

12. Ecological information

Ecotoxicity
Aquatic Toxicity

Test & Species
96 Hr LC50 fish: N/A
48 Hr EC50 Daphnia: N/A
72 Hr EC50 Algae: N/A

Persistence and
degradability Not available

Bioaccumulative potential Not available

Mobility in soil Not available

Additional Information None

13. Disposal considerations

WASTE DISPOSAL INSTRUCTIONS

Contact a qualified professional waste disposal service to dispose of this material.

Dispose of in accordance with local environmental regulations or local authority requirements.

14. Transport information

The Recommendation of Transport of Dangerous Goods(TDG)

UN Number UN 1170

Proper Shipping Name ETHANOL SOLUTION

Class/Division Class 3 Flammable Liquids

Package Group PG II

Subsidiary risk —

labelling pictogram



Maritime transport IMDG/ Marine pollutant (Yes/No) Being same with TDG/No

Air transport ICAO-TI and IATA-DGR Being same with TDG

15. Regulatory information

European/International Regulations

OSHA: Hazardous by definition of Hazard Communication Standard(29CFR 1910.1200).

EINECS Status: The main components of this chemical (Except PEG-7 Glyceryl Cocoate) are included in EINECS inventory.

EPA TSCA Status: The main components of this chemical are included in TSCA inventory.

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| Canadian DSL(Domestic Substances List): | The main components of this chemical are included in DSL. |
| HMIS(Hazardous Material Identification System Ratings): | Health: 0 Flammability: 3 Physical hazard: 0 Personal protection: H (4. Severe Hazard; 3. Serious Hazard; 2. Moderate Hazard; 1. Slight Hazard; 0. Minimal Hazard) |
| WHMIS (Canadian Workplace Hazardous Material Identification System Ratings): | B2, D2B (Ethyl Alcohol). |
| GB 12268-2012 List of dangerous goods | This product is a dangerous goods on the GB 12268-2012 list of dangerous goods. |

16. other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

This Material Safety Data Sheet was based on the "Globally Harmonized System of Classification and Labelling of Chemicals", "Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations", "INTERNATIONAL MARITIME DANGEROUS GOODS CODE", "International Air Transport Association Dangerous Goods Regulations", the National Standards and other related dangerous chemicals management laws, regulations and standards, which are periodically updated and changed. To make dangerous goods / hazardous chemicals comply with the relevant requirements of the latest management, regularly update is recommended.

This Material Safety Data Sheet has been compiled in both English and Chinese. For any discrepancies, the Chinese version shall prevail.

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| Abbreviations and acronyms | ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulations Concerning the International Transport of Dangerous Goods by Rail IMDG: International Maritime Code for Dangerous Goods IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service |
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| | LC50: Lethal concentration, 50 percent |
| | LD50: Lethal dose, 50 percent |
| | EC50: Effective concentration, 50 percent |
| Edit Date | 12.03.2020 |
| Update and Revise | Original edition |
| Edit Standard | <i>Globally Harmonized System of Classification and Labelling for Chemicals</i> Part 1.5 |
| Revised Institution | Zhejiang Academy of Science and Technology for Inspection and Quarantine |

