

Materials Safety Data Sheet

1. Product Name and Company Information

- (1) Product Name : KUNDAL FRESH WATER HAND SANITIZER
- (2) Manufacturer : WHAINCOS COSMETIC CO., LTD
- (3) Address : 19, Sunhwan-ro 198beon-gil, Jungwon-gu, Seongnam-si, Gyeonggi-do, Republic of Korea
- (4) Telephone : +82-31-732-8264
- (5) Fax : +82-31-732-8266
- (6) Day of Preparation : 01/04/2020

2. HAZARDS IDENTIFICATION

- (1) Classification
 - Flammable liquids : Category 2
 - Serious eye damage/eye irritation : Category 2
 - Carcinogenicity : Category 1A

(2) Label elements

Hazard pictograms



Signal word

Danger

Hazard statement

H225 Highly flammable liquid and vapour
H319 Causes serious eye irritation

Precautionary statements

Prevention

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- 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.
- P264 Wash thoroughly after handling.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

- P303+P361+P353 IF ON SKIN(or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



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Storage P308+P313 IF exposed or concerned: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use ... for extinction.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
Disposal P501 Dispose of contents.container to in accordance with local regulation.

(3) Other hazards

Other hazards not contributing to the classification : None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

(1) CAS no. : Inapplicable

(2) Ingredient Name and CAS No.

NO	CHEMICAL NAME(ICID NAME)	CONTENTS(%)	CAS No.	FUNCTION
1	Alcohol	62.00	64-17-5	Antifoaming Agent
2	Water	35.30	107-88-0	Solvent
3	Glycerin	0.50	56-81-5	Humectant
4	Carbomer	0.35	9007-16-3	Viscosity Increasing Agent
5	Triethanolamine	0.350	102-71-6	pH Adjuster
6	Sodium Hyaluronate	0.100	9067-32-7	Skin Conditioning Agent
7	Butylene Glycol	1.00	107-88-0	Skin Conditioning Agent
8	Camellia Sinensis Leaf Extract	0.20	84650-60-2	Skin Conditioning Agent
9	Artemisia Princeps Extract	0.20	85507-69-3	Skin Conditioning Agent

4. Emergency Need Instruction

(1) In case of eye contact Get medical attention in occupational medicine specialist
The material is washed under running more than 20 minutes upon contact with eyes immediately with water

(2) If inhaled Please move to a place with fresh air
Get medical attention in occupational medicine specialist
If not breathing perform artificial respiration
Please provide oxygen if breathing is difficult

(3) In case of skin contact no information available

(4) If swallowed Get medical attention in occupational medicine specialist

(5) Notice of other doctors Medical personnel know about the materials please to take protective measures

5. Fire-fighting measures

Large fire : water spray/fog, General foam (appropriate extinguishing media)
Small fire : dry sand, alcohol-resistant foam, dry chemical, water spray, General foam,



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CO2 (the proper small fire)

6. Accidental release measures

The heat, remove the ignition flame, etc.

Before entering an enclosed space makes ventilation

Intake and avoid contact with eyes.

Product disclosure does not affect the environment week.

Non-combustible absorbent (sawdust, sand, etc.) to absorb the liquid, and then removes the water absorbed on the paper lanterns

7. Handling and storage method

(1) Safe handling tips

It will not avoid the heat, flames, sparks and other sources of ignition.

(2) How to keep safe

Store in tightly closed

Store in a cool, dry place

Please note that materials and conditions to avoid

8. Exposure Prevention and Personal Protection

(1) Exposure standards of chemical, biological exposure limits , etc

no information available

(2) Appropriate engineering controls

Use process isolation , local exhaust, or please keep the air levels below the exposure guidelines

(3) Skin contact

no information available

(4) Safe handling tips

1) Respiratory protection

Wear respiratory protection required for authentication of the Korea Occupational Safety and Health Agency for the physical and chemical properties of materials exposed

2) Eye Protection

wear protective goggles

Please install a cleansing equipment and emergency showers, a place near the workplace

3) Hand Protection

Wear chemical resistant gloves

4) Body Protection

Wear chemical resistant clothing

9. Physical and Chemical Characteristics

(1) Disposition : Transparent gel

(2) Physical state : Gel

(3) Odor : Characteristic odor

(4) Physical danger : no information available

(5) Flash Point : 18°C

(6) pH : 6.70±1.00

(7) Specific gravity : 0.9±0.01



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- (8) Boiling Point : no information available
- (9) Viscosity(cPs) : 20,000±3,000
- (10) Safekeeping in temperature : Room temperatur (0-30°C)
- (11) The term of validity : 36 months

10. Stable under handling conditions

- (1) Stability : stable under regular conditions
- (2) Responsiveness : no dangerous response under normal conditions
- (3) Conditions to be avoided : It will not avoid the heat, flames, sparks and other sources of ignition.
- (4) Substance to be avoided : Oxidizing materials, combustible materials

11. Toxic Data

- No information available
- All ingredient are compounds acknowledged as cosmetic ingredients by KP, ICID, KSCI, NF, USP etc.
- Eyes: May cause irritation to the eye
- Skin: May cause skin or scalp irritation.

12. Environmental Impact

- (1) Ecotoxicity: Not available.
- (2) BOD5 and COD: Not available.
- (3) Toxicity of the Products : The product itself and its products of degradation are not toxic.

13. Disposal notice

- (1) How to dispose : Waste management act in the case set forth in the substances and courage please dispose of in accordance with the provisions
- (2) Disposal considerations : Waste management act in the case set forth in the regulations, please consider the stated precautions

14. Transport information

- | | |
|----------------------------------|------------------|
| (1) UN number | 1170 |
| (2) Proper shipping name | ETHANOL SOLUTION |
| (3) Transport hazard class | 3 |
| (4) Packing group | II |
| (5) Environmental hazards | Not appicable |
| (6) Special precautions for user | |
| fire emergency procedure | F-E |
| spill emergency procedure | S-D |

15. Legal Regulation

Classified by the regulation of KPC(Korea Pharmaceutical Codex) Law



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16. Other Instructions

(1) Use only for All Skin care purpose

Contact manufacturer(phone number 0082-31-732-8264) for necessary information

(2) Revision number : 0

(3) Revised : 01/04/2020

(4) This information has been prepared based on our experience and information about the material as of the issuing day,
however, the safety conditions for using this product are to be determined by the user

Written material safety data sheets (MSDS) can be edited by reference to the GHS MSDS provided by the Korea Occupational Safety and Health Agency
, some modified materials