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# SAFETY DATA SHEET

**Product Name:** LENS CLEANING TOWELETTE

**Revision Date:** 2018-05-07

**Compiler:** Liu Linlin

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上海化工研究院检验中心 检验专用章

Shanghai Research Institute of Chemical Industry Testing Centre

# Taizhou Kangping MEDICAL SCIENCE & Technology Co Ltd

# SAFETY DATA SHEET

# LENS CLEANING TOWELETTE

## SECTION1 PRODUCT AND COMPANY IDENTIFICATION

| | |
|---|---|
| Product name: | LENS CLEANING TOWELETTE |
| Company: | Taizhou Kangping MEDICAL SCIENCE & Technology Co Ltd |
| Address: | No. 3 Building, No. 27, Tai'an Road, Hailing Industrial Park, Taizhou City, 225300, P. R. China |
| Email: | 1009347087@qq. com |
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| Emergency Phone: | 0086-13814481789 |
| SDS Number: | 2618040050 |
| SDS Date: | 2018-05-07 |

## SECTION2 HAZARDS IDENTIFICATION

The liquid contained in nonwoven:

GHS Classification:

Physical Hazards:
Flammable liquids (Category 3)

Health Hazards:
Skin corrosion/irritation (Category 3)
Eye damage/Eye irritation (Category 2A)
Reproductive toxicity (Category 2)
Specific target organ toxicity - Single exposure (Category 1) (central nervous system, systemic toxicity)
Specific target organ toxicity - Single exposure (Category 3)
Specific target organ toxicity - Repeated exposure (Category 1) (blood system)
Specific target organ toxicity - Repeated exposure (Category 2) (respiratory organs, liver, spleen)

Environmental Hazards:
Not classified.

The hazards not mentioned are not applicable or no data available.

GHS Labelling:

Pictogram:

Signal Word:

Danger

Hazard Statements:

Flammable liquid and vapour.
Causes mild skin irritation.
Causes serious eye irritation.
Suspected of damaging fertility or the unborn child.
Causes damage to organs: central nervous system, systemic toxicity.
May cause drowsiness or dizziness.
Causes damage to organs through prolonged or repeated exposure: blood system.
May cause damage to organs through prolonged or repeated exposure: respiratory organs, liver, spleen.

Prevention Precautionary Statements:

Keep away from heat, sparks, open flames, hot surfaces and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting]equipment.
Use non-sparking tools.
Wash thoroughly after handling.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not breathe dust/fume/gas/mist/vapours/spray.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.

Response Precautionary Statements:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
In case of fire: Use Dry chemical, Water spray, Carbon dioxide or appropriate foam to extinguish.
If skin irritation occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF exposed or concerned: Call a POISON CENTER/doctor.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor if you feel unwell.
Get medical advice/attention if you feel unwell.

Storage Precautionary Statements:

Store in a well-ventilated place. Keep cool. Keep container tightly closed.
Store locked up.

Disposal Precautionary Statements:

Dispose of contents/container in accordance with local / regional / national / international regulation.

## SECTION3 INFORMATION ON INGREDIENTS

Product name: LENS CLEANING TOWELETTE

| Ingredient | Concentration | CAS No. | EC No. |
|---|---|---|---|
| The liquid contained in nonwoven | | | |
| Isopropyl alcohol | 40% | 67-63-0 | 200-661-7 |
| Water | 59.99% | 7732-18-5 | 231-791-2 |

## SECTION4 FIRST-AID MEASURES

**The liquid contained in nonwoven:**

**Skin Exposure:**

In case of skin contact, flush with copious amounts of water. If irritation persists, Call a physician.

**Eye Exposure:**

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, Call a physician.

**Inhalation Exposure:**

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Oral Exposure:**

If swallowed, wash out mouth with water provided person is conscious. Call a physician. Do not induce vomiting.

**Most important symptoms and effects, both acute and delayed:**

No data available.

**Indication of any immediate medical attention and special treatment needed:**

No data available.

## SECTION5 FIRE FIGHTING MEASURES

**Extinguishing Media:**

Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam.

**Special hazards arising from the substance or mixture:**

May decompose upon combustion or in high temperatures to generate Carbon oxides.

**Advice for firefighters:**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place. Keep containers cool by spraying with water.

## SECTION6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment. Remove all sources of ignition. Avoid breathing vapors, mist or gas. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to noninvolved personnel should be controlled around the leakage area by roping off.

**Environmental precautions:**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and materials for containment and cleaning up:**

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Avoid inhalation. Ventilate area and wash spill site after material pickup is complete.

## SECTION7 HANDLING AND STORAGE

**Precautions for safe handling:**

Wear appropriate protective clothing and gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Prevent generation of vapour or mist. Handling is performed in a well ventilated place. Keep away from ignition sources, heat and flame. Take measures to prevent the build up of electrostatic charge. Electrostatic charges may be generated during pumping. Ensure electrical continuity by bonding all equipment. Do not expose empty containers to heat, sparks or open flames. Incompatibilities: Oxidizing agents, Acid anhydrides, Aluminium, Halogenated compounds, Acids, combustible materials. Wash hands and face thoroughly after handling. No smoking at working site.

**Conditions for safe storage, including any incompatibilities:**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Oxidizing agents, Acid anhydrides, Aluminium, Halogenated compounds, Acids, combustible materials.

## SECTION8 EXPOSURE CONTROL/PPE

**Control parameters:**

Isopropyl alcohol: ACGIH TLV(TWA): 200 ppm
ACGIH TLV(STEL): 400 ppm

**Appropriate engineering controls:**

Safety shower and eye bath. Mechanical exhaust required.

**Personal Protective Equipment:**

Respiratory: Wear government approved respirator.
Eye: Wear chemical safety glasses.
Clothing: Wear anti-electrostatic clothing.
Hand: Wear compatible protective gloves.

**Other Protect:**

No smoking, drinking and eating at working site. Wash thoroughly after handling.

## SECTION9 PHYSICAL/CHEMICAL PROPERTIES

| | |
|---|---|
| **Appearance:** | White wet nonwoven |
| **Odor:** | Weak odor |
| **Initial Boiling Point/℃:** | 83.2℃ |
| **Flash Point (Closed Cup)/℃:** | 24.0℃ |
| **pH Value:** | 6.7-6.8 |
| **Solubility(ies):** | Partial slightly soluble in water |
| **Density/Relative Density:** | 0.9146×10^3kg/m^3(20℃) |
| **Viscosity:** | 3.135$mm^2/s$(kinematic viscosity) |

## SECTION10 STABILITY AND REACTIVITY

**Reactivity:**
No data available.

**Chemical stability:**
Stable under normal temperatures and pressures.

**Possibility of hazardous reactions:**
No data available.

**Conditions to avoid:**
Heat, flames and sparks. Extremes of temperature and direct sunlight.

**Incompatible materials:**
Oxidizing agents, Acid anhydrides, Aluminium, Halogenated compounds, Acids.

**Hazardous Decomposition Products:**
Carbon oxides.

## SECTION11 TOXICOLOGICAL INFORMATION

**The liquid contained in nonwoven:**

**Acute Toxicity:**
Isopropyl alcohol: Rat Oral $LD_{50}$: 5045mg/kg
Rat Inhalation $LC_{50}$: 16000 ppm/8H
Rabbit Dermal $LD_{50}$: 12800mg/kg

**Skin Corrosion/Irritation:**
Causes mild skin irritation.

**Serious eye damage/irritation:**
Causes serious eye irritation.

**Respiratory or skin sensitization:**
No data available.

**Germ cell mutagenicity:**
No data available.

**Carcinogenicity:**
No data available.

**Reproductive toxicity:**
Suspected of damaging fertility or the unborn child.

**Specific target organ toxicity - single exposure:**
Causes damage to organs: central nervous system, systemic toxicity.
May cause drowsiness or dizziness.

**Specific target organ toxicity - repeated exposure:**
Causes damage to organs through prolonged or repeated exposure: blood system.
May cause damage to organs through prolonged or repeated exposure: respiratory organs, liver, spleen.

**Aspiration hazard:**
No data available.

## SECTION12 ECOLOGICAL INFORMATION

**The liquid contained in nonwoven:**

**Ecotoxicity:**

Isopropyl alcohol: Toxicity to fish flow-through test $LC_{50}$ - Pimephales promelas (fathead minnow) - 9.640 mg/l - 96 h
(US-EPA)
Toxicity to daphnia and other aquatic invertebrates $EC_{50}$ - Daphnia magna (Water flea) - 13.299 mg/l - 48 h
Remarks: (IUCLID)
Toxicity to algae $IC_{50}$ - Desmodesmus subspicatus (green algae) - > 1.000 mg/l - 72 h
Remarks: (IUCLID)
Toxicity to bacteria $EC_5$ - Pseudomonas putida - 1.050 mg/l - 16 h
Remarks: (Lit.)

**Persistence and Degradability:**
Isopropyl alcohol: Biodegradability aerobic - Exposure time 21 d
Result: 95 % - Readily biodegradable.
(OECD Test Guideline 301E)

**Bioaccumulative Potential:**
Isopropyl alcohol: No bioaccumulation is to be expected (log Pow <= 4).

**Mobility in soil:**
No data available.

**Other adverse effects:**
No data available.

## SECTION13 DISPOSAL CONSIDERATION

**Appropriate Method of Disposal of Substance:**
Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## SECTION14 TRANSPORT INFORMATION

**IATA:** The product is not restricted to IATA DGR according to special provision A46, when small inner packagings consisting of sealed packets or articles containing less than 10mL of packing group II or III flammable liquid absorbed into a solid material.

**IMO:** The product is not restricted to IMO IMDG according to special provision 216, when small inner packagings consisting of sealed packets or articles containing less than 10mL of packing group II or III flammable liquid absorbed into a solid material.

## SECTION15 REGULATORY INFORMATION

**Regulation (EC) No.1272/2008 and its amendments:**
Flammable liquid (Category 3)
Eye damage/Eye irritation (Category 2)
Reproductive toxicity (Category 2)
Specific target organ toxicity - Single exposure (Category 1) (central nervous system, systemic toxicity)
Specific target organ toxicity - Single exposure (Category 3)
Specific target organ toxicity - Repeated exposure (Category 1) (blood system)
Specific target organ toxicity - Repeated exposure (Category 2) (respiratory organs, liver, spleen)

## SECTION16 OTHER INFORMATION

**Date:**

2018-05-07

**Department:**

Shanghai Research Institute of Chemical Industry Testing Centre
Tel(Fax):8621-52815377/52800971/52807275/52811034/52569800

**Revision:**

0

**Reference Standard:**

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 6th revised edition

**Other Information:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.

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# Addendum to: SDS ID: No. 2618040050
# Material Name: Lens Cleaning Towelette

Product Name: Towelettes, Lens Cleaning, Pocket Sized
National Stock Number: 7930-01-680-9882

Details for the contractor for NSN 7930-01-680-9882

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Details for the manufacture of NSN 7930-01-680-9882

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