

Safety Data Sheet (SDS)

The content and format of this SDS is accordant with 29 CFR 1910.1200 (OSHA standard)

1. Identification

Product identifier:

Product name: Cleaning wipe

Other means of identification:

Product code: --

Recommended use of the chemical and restrictions on use: Cleaning and disinfection. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

Manufacturer/Supplier: SHENZHEN POWERCLEAN BIO-TECH CO., LTD.

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2. Hazards identification

GHS classification:

Physical hazards:	Flammable liquids – Category 3
Health hazards:	Serious eye damage/eye irritation - Category 2 Specific target organ toxicity, single exposure - Category 3 (Narcotic effects)
Environmental hazards:	Not classified

Signal Word: Warning

Pictogram:



Hazard Statements:

H226: Flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Precautionary Statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof [electrical/ventilating/lighting] equipment.

P242: Use non-sparking tools.

P243: Take action to prevent static discharges.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response Precautionary Statements:

P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P370 + P378: In case of fire: Use dry chemical, carbon dioxide, alcohol-resistant foam to extinguish.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313: If eye irritation persists: Get medical advice/attention.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/doctor if you feel unwell.

Storage precautionary statements:

P403 + P235: Store in a well-ventilated place. Keep cool.

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Disposal precautionary statements:

P501: Dispose of contents/container according to relevant local and national regulations (It is recommended to use incineration method to dispose of waste).

Other hazards: Not found.

3. Composition/information on ingredients

Product description: substance (); mixture (√).

Ingredient (s)	CAS No.	EC No.	% by weight
Isopropyl alcohol	67-63-0	200-661-7	52
Nonwoven Fabric	N/A152	--	25.5
Water	7732-18-5	231-791-2	22.5

4. First aid measures

Persons using this product should consult a physician or other medical professional if an accident involving this product results in injury. Specific first-aid measures are as follows:

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical help if you feel unwell.

Skin Contact: Wash with plenty water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Eyes Contact: 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.

Ingestion: Rinse mouth. Do not induce vomiting without professional instruction. Get medical help if you feel unwell.

Acute effect and delayed effect:

Acute effect: Causes serious eye irritation. May cause drowsiness or dizziness.

Delayed effect: Not found.

Personal protective equipment: Wear protective gloves/protective clothing/eye protection/face protection when necessary.
Indication of immediate medical attention and treatment needed, if necessary: Treat according to symptoms and exposure dose.

5. Fire-fighting measures

Extinguishing Media: Use dry chemical, carbon dioxide, alcohol-resistant foam for extinction.

Unsuitable Extinguishing Media: Reinforced liquid (straight stream).

Special hazards arising from the chemical: Flammable liquid and vapour. It may cause fire if exposed to fire, open flame and extremely high temperature. If a fire occurs, harmful fumes are released, such as carbon oxides.

Fire Fighting Method:

If there is no danger, remove all sources of ignition.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

Cool surrounding facilities, etc. with water spray.

Remove containers from fire area if it can be done without risk.

Special actions for fire-fighters: Firefighters must wear self-contained breathing apparatus and full protective equipment. Check whether the protective equipment is in good condition before use.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures:

Personal precautions: Use proper personal protective equipment as indicated in Section 8.

Emergency procedures: Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Stop leak if you can do it without risk.

Environmental precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

Methods and material for containment and cleaning up:

Small Spill:

Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container.

Large Spill:

Isolate contaminated area and set up a warning board. The persons handling emergency are recommended wearing protective clothing. Do NOT touch spilled material.

Build up dike or dig pit for collection. Containers should be clearly marked for recycling or disposed as waste.

7. Handling and storage

Precautions for safe handling:

Keep away from heat, hot surfaces, sparks, open flames 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.

Take action to prevent static discharges.

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Conditions for safe storage, including any incompatibilities: Store it in a well-ventilated, cool and dry store room. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

Incompatible substances or mixtures: Strong oxidant.

Packing material: Paper aluminum bag.

8. Exposure controls/personal protection

Occupational Exposure Limits:

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA
Isopropyl alcohol (CAS: 67-63-0)	400 ppm	200 ppm ST: 400 ppm

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Install washer eyes and safety showers near to the handling and storage area.

Personal Protective Equipment (For workers):

Protection of Hands: Wear impermeable rubber gloves.



Protection of Eyes: Wear safety glasses when liquid may splash.



Respiratory Protection: Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



Protection of Body: Recommend wearing general working clothing.



General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale vapours generated from processing.

9. Physical and chemical properties

Physical state	Solid (Solids containing flammable liquid)
Color	White
Odor	Similar odor as alcohol
Odor threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	37°C (for the liquid this wipe contains)
Flammability (solid, gas, etc.)	Flammable liquid and vapour
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Density	No data available
Relative density	No data available
Solubility (ies)	No data available
Partition coefficient: n-octanol/Water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Particle characteristics	No data available
Other information	No data available

10. Stability and reactivity

Reactivity: Not reactive under normal handling and storage.

Chemical stability: Stable under normal temperatures and pressures.

Possibility of hazardous reactions: Not reactive under normal handling and storage.

Conditions to Avoid: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

Incompatible materials: Strong oxidant.

Hazardous decomposition products: If a fire occurs, harmful fumes are released, such as carbon oxides.

11. Toxicological information

Product Toxicity Data:

Ingredient (s)	CAS No.	LD ₅₀ /LC ₅₀ (Median lethal dose)
Isopropyl alcohol	67-63-0	Acute toxicity (Oral) LD ₅₀ > 5,840 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ : 12,870 mg/kg (rabbit)

		Data source: ECHA
Nonwoven Fabric	N/A152	No data available
Water	7732-18-5	No data available
Classification of the whole product:		Not classified

Skin corrosion/irritation	No classification for this product.
Serious eye damage/eye irritation	Isopropyl alcohol (CAS: 67-63-0): Category 2 (Data source: EU CLP) Classification of the whole product: Category 2
Sensitisation, respiratory	No classification for this product.
Sensitisation, skin	No classification for this product.
Germ cell mutagenicity	No classification for this product.
Carcinogenicity	No classification for this product.
Reproductive Toxicity	No classification for this product.
Specific target organ toxicity, single exposure:	Isopropyl alcohol (CAS: 67-63-0): Category 3 (Narcotic effects) (Data source: EU CLP) Classification of the whole product: Category 3 (Narcotic effects)
Specific target organ toxicity, repeated exposure:	No classification for this product.
Aspiration hazard	No classification for this product.

12. Ecological information

Ecotoxicity:

Isopropyl alcohol (CAS: 67-63-0):

96h-LC₅₀ : 10,000 mg/L, fish (Pimephales promelas) (ECHA)

24h-LC₅₀ > 10,000 mg/L, aquatic invertebrates (Daphnia magna) (ECHA)

Classification of the whole product: Not classified

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in Soil: No data available

Other adverse effects: No relevant information.

13. Disposal considerations

Waste treatment methods:

It is recommended to use incineration method to dispose of waste.

Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Paste a label on the container indicating the possible hazards of the waste.

14. Transport Information

DOT/Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG:

Note: According to IATA Special Provision A46, DOT 49 CFR 172.102 Special Provision 47 and IMDG Code Special Provision 216, small inner packagings consisting of sealed packets and articles containing less than 10 mL of a Class 3 liquid in Packing Group II or III absorbed onto a solid material are not subject to as a hazardous material/dangerous goods provided there is no free liquid in the packet or article.

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Packing Group Symbol: Not applicable

Marine Pollutant (Yes/No): No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable.

EMS NO.: Not applicable

Special precautions:

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

15. Regulatory information

United States:

Emergency Planning and Community Right-to-Know Act (EPCRA) section 313 chemicals:

Chemical Name	CAS No.	Weight-%	SARA 313 – Threshold Values %
Isopropyl alcohol	67-63-0	52	1 [※]

※: Only if it is being manufactured by the strong acid process.

40 CFR part 355 (Extremely Hazardous Substances): Not listed.

California Proposition 65 (Chemicals Known to the State to Cause Cancer or Reproductive Toxicity):

Chemical Name	CAS No.	Type of Toxicity
Not applicable	Not applicable	Not applicable

Clean Water Act:

Ingredient (s)	CWA - Reportable Quantities	CWA - Hazardous Substances	CWA - Priority Pollutants	CWA - Toxic Pollutants
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Toxic Substances Control Act (TSCA):

Chemical Name	CAS No.	TSCA Inventory
Isopropyl alcohol	67-63-0	Listed
Water	7732-18-5	Listed

Carcinogenicity categories: Isopropyl alcohol (CAS: 67-63-0): IARC-3 (Not classifiable as to its carcinogenicity to humans).

Other relevant laws and regulations:

Candidate List of Substances of very high concern (SVHC) according to ECHA: Not listed.

REACH Regulation Annex XVII Regulation List: Not listed.

REACH Regulation Annex XIV Authorization List: Not listed.

(EC) 1272/2008 Annex VI Table 3.1:

Ingredient(s)	EC No. 1272/2008 Classification	
	CLASS. CODE	HAZARD CODE
Isopropyl alcohol (CAS: 67-63-0)	Flam. Liq. 2	H225
	STOT SE 3	H336
	Eye Irrit. 2	H319

Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

16. Other information

DISCLAIMER:

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.

References:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev.7, 2017)

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev.8, 2019)

ANSI Z400.1/Z129.1-2010

OSHA Hazard Communication Standard (HCS) 2024

Full description of some acronyms:

CAS-Chemical Abstracts Service

EINECS-European Inventory of Existing Commercial Chemical Substances

IMO-International Maritime Organization

IMDG-International Maritime Dangerous Goods

IATA-International Air Transport Association

ICAO-International Civil Aviation Organization

TSCA-Toxic Substances Control Act

OSHA-Occupational Safety and Health Administration

ACGIH- American Conference of Governmental Industrial Hygienists

ECHA- European Chemicals Agency

NITE-CHRIP- Japan National Institute of Technology and Evaluation-Chemical Risk Information Platform

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*****The End*****