
SECTION 1: IDENTIFICATION

PRODUCT NAME:	WET-NAP 1 & 2
PRODUCT IDENTIFIER:	Wet Wipes
RECOMMENDED USE:	For hands or skin cleaning
MANUFACTURER:	Freshening Industries Pte Ltd
ADDRESS:	4 Loyang Link, Singapore 508895
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PREPARED BY:	R & D

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Eye Irritation – Category 2A

HAZARD PICTOGRAMS:



SIGNAL WORD: Warning

ALL PRECAUTIONARY STATEMENTS AND ALL HAZARD INFORMATION/STATEMENTS:

HAZARD STATEMENTS:
H319: Causes serious eye irritation

PRECAUTIONARY STATEMENTS:
P337 +313: If eye irritation persists: Get medical advice/attention

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

HAZARD(S) NOT OTHERWISE CLASSIFIED (HNOC) NA

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT(S)

<u>CHEMICAL NAME</u>	<u>CAS NO.</u>
Benzalkonium Chloride	8001-54-5

Other ingredients: Non-woven paper, Purified Water, Phenoxyethanol, Chlorhexidine Digluconate, Fragrance, Organic Aloe Barbadosensis Leaf Juice, Polysorbate 20

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE:	Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
INHALATION:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
SKIN CONTACT:	Flush with water; Discontinue use if irritation develops. Get medical attention if irritation persists.
EYE CONTACT:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
INGESTION:	Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. If patient is conscious and alert, give large amount of water. Get medical attention.
SELF-PROTECTION OF THE FIRST AIDER:	If potential for exposure exists refer to Section 8 for specific protective equipment.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	See Section 11 for more detailed information on health effects and symptoms.

SECTION 5: FIRST AID MEASURES

EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA: Dry chemical, foam, carbon dioxide or water.

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

HAZARDOUS DECOMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide and unburned hydrocarbons.

ADVICE FOR FIRE-FIGHTERS: Firefighters should be equipped with full protective gear, including self-contained breathing apparatus

ADDITIONAL INFORMATION: NA

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Follow safe handling advice and personal protective equipment recommendations.

ENVIRONMENTAL PRECAUTIONS: Avoid discharge into drains, water courses or onto the ground.
Prevent further leakage or spillage if safe to do so.
Prevent spreading over a wide area (e.g. by containment or oil barriers).
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING

NON-HAZARDOUS SMALL SPILL: Should be cleaned up at the time of the spill. Take all necessary precautions and wear any personal protective equipment that is applicable. Dispose of per local and state regulations.

NON-HAZARDOUS LARGE SPILL: Should be cleaned up at the time of the spill. May require special treatment, equipment and/or emergency assistance. Dispose of per local and state regulations.

FOR CLEANING: Clean up remaining materials from spills with suitable absorbent.

OTHER INFORMATION: Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.
Section 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

ADVICE ON SAFE HANDLING:

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use condition.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

TECHNICAL MEASURES:

See Engineering measures under Section 8.

STORAGE CONDITIONS:

Keep in properly labelled containers. Store in accordance with the particular national regulations.

MATERIALS TO AVOID

Do not store with the following products types:
Strong oxidizing agents

SECTION 8: EXPOSURE CONTROLS /PERSONAL PROTECTION

EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS: Ventilation.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE / FACE PROTECTION:

None required for normal use. For prolonged exposure, use appropriate goggles protective clothing and gloves.

SKIN PROTECTION:

None required for normal use. For prolonged exposure, use appropriate goggles protective clothing and gloves.

BODY PROTECTION:

None required for normal use. For prolonged exposure, use appropriate goggles protective clothing and gloves.

RESPIRATORY PROTECTION:

No special respiratory protection is recommended under anticipated conditions of normal use with adequate ventilation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Moistened wipe

ODOUR: Characteristic

pH: 5.00 - 7.00

MELTING POINT/FREEZING POINT Not Available

INITIAL BOILING POINT/BOILING POINT: Not Available

FLASH POINT: Not Available

EVAPORATION RATE: Not Available

FLAMMABILITY (SOLID, GAS): Not Available

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS

UPPER EXPOLOSIVE LIMIT: Not Available

LOWER EXPOLOSIVE LIMIT:	Not Available
VAPOUR PRESSURE:	Not Available
VAPOUR DENSITY:	Not Available
RELATIVE DENSITY:	Not Available
SOLUBILITY(IES):	Moistened wipe is not soluble in water. Solution is soluble in water.
PARTITION COEFFICIENT n- OCTANOL/WATER:	Not Available
AUTO-IGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VISCOSITY:	Not Available
EXPLOSIVE PROPERTIES:	Not Available
OXIDISING PROPERTIES:	Not Available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Not classified as a reactivity hazard.
CHEMICAL STABILITY:	Stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	Can react with strong oxidizing agents.
CONDITIONS TO AVOID:	None known.
INCOMPATIBLE MATERIALS:	Oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	No hazardous decomposition products are known.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOKINETICS, METABOLISM AND DISTRIBUTION

INFORMATION ON TOXICOLOGICAL EFFECTS	This product has no known toxicological hazards associated with it.
ACUTE TOXICITY:	Not classified based on available information.
LIKELY ROUTES OF EXPOSURE:	Skin contact, eye contact, inhalation, digestion.
SKIN CORROSION/IRRITATION:	Not classified.
EYE DAMAGE/IRRITATION:	May cause eye irritation.
SENSITISATION TO THE RESPIRATORY TRACT:	Not classified.
GERM CELL MUTAGENICITY:	Not classified.
CARCINOGENITY:	Not classified.
REPRODUCTIVE TOXICITY:	Not classified.
STOT SE 1 AND 2:	Not classified.
STOT SE 3:	Not classified.
STOT RE 1 AND 2:	Not classified.
ASPIRATION HAZARD:	Not classified.

SECTION 12: ECOLOGICAL INFORMATION

ECO-TOXICITY (Benzalkonium Chloride)

Toxicity to fish:	LC50 (Oncorhynchus mykiss (rainbow trout)): 0.85 mg/l time: 96 h Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates:	EC50 (Daphnia magna (Water flea)): 0.016 mg/l Exposure time: 48 h Method: Directive 67/548/EEC, Annex V, C.2. Remarks: Based on data from similar materials
Toxicity to algae:	EC50 (Pseudokirchneriella subcapitata (green algae)): 0.049 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials EC10 (Pseudokirchneriella subcapitata (green algae)): 0.009 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: Based on data from similar materials
M-Factor (Acute aquatic toxicity):	10
Toxicity to fish (Chronic toxicity):	NOEC (Pimephales promelas (fathead minnow)): > 32.2 mg/l Exposure time: 34 d Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity):	NOEC (Daphnia magna (Water flea)): 0.0125 mg/l Exposure time: 21 d Method: OECD Test Guideline 211 Remarks: Based on data from similar materials
M-Factor (Acute aquatic toxicity):	1
Toxicity to bacteria:	EC50: 7.75 mg/l Exposure time: 3 h Method: OECD Test Guideline 209 Remarks: Based on data from similar materials

PERSISTENCE AND DEGRADABILITY (Benzalkonium Chloride)

Biodegradability:	Result: Readily biodegradable. Biodegradation: 95.5 % Exposure Time: 28 d Method: OECD Test Guideline 301 Remarks: Based on data from similar materials
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BIO-ACCUMULATIVE POTENTIAL (Benzalkonium Chloride):

Partition coefficient: n-octanol/water:

log Pow: 0.004

Remarks: Based on data from similar materials

MOBILITY IN SOIL:

No data available

OTHER ADVERSE EFFECTS:

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

WASTE FROM RESIDUES:

Dispose of in accordance with local regulations.

CONTAMINATED PACKAGING:

Dispose of as unused product.

Empty containers should be taken to an approved waste handling site for cycling or disposal.

SECTION 14: TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
UN No.	Not regulated as a dangerous goods.			
UN PROPER SHIPPING NAME:	Not regulated as a dangerous goods.			
TRANSPORT HAZARD CLASS(ES):	Not regulated as a dangerous goods.			
HAZARD LABEL(S):	Not regulated as a dangerous goods.			
PACKING GROUP:	Not regulated as a dangerous goods.			
ENVIRONMENTAL HAZARDS:	Not regulated as a dangerous goods.			

SPECIAL PRECAUTIONS FOR USER:

NA

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:

NA

SECTION 15: REGULATORY INFORMATION

The product complies with EU & ASEAN Cosmetic Directives.

SECTION 16: OTHER INFORMATION

DISCLAIMER:

The information contained herein is based on technical data believed to be reliable and correct as of the date issued. This SDS is offered for information purposes only and as a guide to the precautionary and emergency handling of the product. The Company makes no warranties, expressed or implied, including, but not limited to, any implied warranty of accuracy for a particular purpose. Users are responsible for determining the suitability of the product for their particular applications and purposes.

