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Date 06-11-2020

ZAIQ-RF(HH)-01-19

Safety Data Sheet

Applicant name:

Product Name: 75% ALCOHOL WIPES

Edit date: 2020-06-11

Edit institution: Technology Center of Hangzhou Customs District

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	75% ALCOHOL WIPES
Trade Name	None
Chemical Name	None
Recommended Use	Cleaning sterilizing
Manufacturer	Naftali Inc.
Address	1363 NW 155th Dr, Miami Gardens, FL,bv 33169
Phone Number	305-653-1335
Fax Number	
WEB or E-mail	www.naftaliinc.com
Emergency Phone Number	1-(800)-222-1222 or call your nearest poison control center

2. Hazards identification

GHS classification	Flammable solids 1
GHS Pictograms	
Signal words	Danger
Hazard statements	H228:Flammable solid
Precautionary Statement Prevention	P210:Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P240:Ground and bond container and receiving equipment. P241:Use explosion-proof electrical/ventilating/lighting/.../equipment. P280:Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
Precautionary Statement Response	P370+P378:In case of fire: Use extinguisher to extinguish.
Precautionary Statement Storage	None.
Precautionary Statement Disposal	None.
Other hazards which do not result in classification	Not available.

3. Composition/information on ingredients

☐**Substances**

✓**Mixtures**

Component Information

Component	CAS number	EINECS number	Mass(%)
ALCOHOL	64-17-5	200-578-6	75%wt
PURE WATER	7732-18-5	231-791-2	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. 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, 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 precautions	Ensure adequate ventilation. Remove all sources of ignition. 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	Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wetbrushing and place in container for disposal according to local regulations.
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

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, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take measures to prevent the build up of electrostatic charge.

STORAGE

Requirements to be met by storerooms and containers	Store in a cool place. Keep out of reach of children. Keep tightly closed until used. Use of explosion-proof lighting, ventilation facilities.
Information about storage in one common storage facility	Store away from imcompatible substances such as strong oxidizing agents, alkalis, strong acids, 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
ALCOHOL	64-17-5	N.E.	1,000 ppm	1,000 ppm	N.E.

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	Safety glasses, gloves, protective clothing and a vapor respirator or mask.
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	
Physical state	White nonwovens and 75% colourless transparent alcohol liquid
Colour	White nonwovens and 75% colourless transparent alcohol liquid
Odour	Alcohol
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	Flammable
Lower and upper explosion limit/ flammability limit	No data available
Flash point	
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 (air=1)	No data available
Particle characteristics	Not applicable
10. Stability and reactivity	
Reactivity	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.
Incompatible materials	Avoid contact with strong oxidizing agents, alkalis, strong acids, 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, irritating and toxic fumes and gases.

11.Toxicological information

Routes of Entry: Dermal contact, eye contact, inhalation, ingestion.

Acute Toxicity

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
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

UN Number	3175
UN Proper Shipping Name	Solids containing flammable liquid, n.o.s. (Ethanol)
DOT Classification	4.1

Packing Group	II
IMDG - UN Number:	3175
IMDG - UN Proper Shipping Name:	Solids containing flammable liquid, n.o.s. (Ethanol)
IMDG - Hazard Class:	4.1
IMDG - Packing Group:	II
IATA - UN Number:	3175
IATA - UN Proper Shipping Name:	Solids containing flammable liquid, n.o.s. (Ethanol)
IATA - Hazard Class:	4.1
IATA - Packing Group:	II

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

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 LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent EC50: Effective concentration, 50 percent
Edit Date	11.06.2020
Update and Revise	Original edition
Edit Standard	*Globally Harmonized System of Classification and Labelling for Chemicals* Part 1.5
Revised Institution	Technology Center of Hangzhou Customs District