

SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION

Product Name : FLENTS WIPE 'N CLEAR BASIC LENS WIPES
Product Use : Pre-moistened wipes for cleaning optical surfaces such as eyeglasses, camera lenses, and electronic screens.
Product category: Consumer product / Optical surface cleaner
Manufacturer : Pathawin Public Company Limited.
Contact Information: 55/1, 55/4 Moo 6 , Bangtoei, Samkhok
Pathumthani 12160 Thailand.
Tel. (662) 9773261-4

SECTION 2 HAZARDOUS IDENTIFICATION

Classification of the substance or mixture : Flammable Liquids (Category 3), Eye Irritation (Category 2A)

Label elements:



Signal word: Warning
Hazard statements: Flammable liquid and vapor. Causes serious eye irritation.

Precautionary statements

Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear eye/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Wear protective gloves/protective clothing/eye protection/face protection

Response

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 ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a poison center or doctor/physician if you feel unwell
IN CASE OF FIRE: Use CO₂, dry chemical, or foam for extinction

Storage

Store locked up, Store in a well-ventilated place. Store away from incompatible materials. Keep cool

Dispose

Dispose of waste and residues in accordance with local authority requirements

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Classification of the substance or mixture

Product definition : Mixture

Chemical name	%	CAS number
Isopropyl Alcohol	20 - 40	67-63-0
Ammonium Lauryl Sulfate	0.005 - 0.05	2235-54-3
Water	60 - 80	7732-18-5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES

Description of necessary first aid measures

Skin contact:	Wash with soap and water. If irritation persists or an allergic reaction occurs, call a physician.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Ingestion:	Do not induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to a person who is unconscious or convulsing. Consult a physician.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. If symptoms persist, call a physician.

Most important symptoms/effects, acute and delayed

Symptoms	Causes serious eye irritation. Causes mild skin irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause nausea, vomiting, stomach ache, and diarrhea. Ingestion may cause central nervous system depression.
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Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
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SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Unsuitable extinguishing media:	Not determined
Specific Hazards Arising from the Chemical :	During fire, gases hazardous to health may be formed
Special protective equipment and precautions for firefighters:	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Fire-fighting equipment/instructions:	In case of fire and/or explosion do not breathe fumes. Move product from fire area if you can do so without risk.
Specific methods :	Use standard firefighting procedures and consider the hazards of other involved materials. Move products from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards:	Flammable Liquid
Hazardous combustion products:	May include and are not limited to: Oxides of carbon
<u>Explosion data</u>	
Sensitivity to mechanical impact:	Not available.
Sensitivity to static discharge:	Not available.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:	For personal protection, see section 8 of the SDS.
Environmental Precautions:	Do not discharge into lakes, streams, ponds or public waters
Methods and materials for containment and cleaning up:	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from discarded material. Prevent entry into waterways, sewers or confined areas. For waste disposal, see section 13 of the SDS

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Protective measures:	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear appropriate personal protective equipment. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep out of the reach of children.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep away from incompatible materials, open flames, and high temperatures. Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children.
Incompatible Materials	Strong oxidizing agents. Acids. Chlorinated compounds

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Exposure Limits:</u>	
Isopropyl Alcohol	200 ppm (TWA, ACGIH) 400 ppm (STEL, ACGIH)
<u>Individual protection measures</u>	
Eye/face protection:	Avoid contact with eyes
Skin and Body Protection:	Protective gloves.
Respiratory Protection:	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General Hygiene Considerations :	Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before reuse. Provide regular cleaning of equipment, work areas and clothing.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid saturated on wipe
Colour:	Clear, colorless on a wipe
Odor:	Alcohol odour
pH:	6 - 8
Melting point:	Not available.
Boiling point:	Not available.
Flash point:	80 °F (26.7 °C) Closed Cup (Liquid)
Evaporation rate:	Not available.
Flammability (solid, gas):	Not available
Lower and upper explosive (flammable) limits:	Not available
Vapor pressure:	Not available.
Vapor density:	Not available.
Relative density:	Not available.
Solubility:	Wipe material is not soluble in water
Auto-ignition temperature:	Not available.
SG @ 25 °C:	Not available
Viscosity:	Not available

SECTION 10 STABILITY AND REACTIVITY

Reactivity:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability:	The product is stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerization does not occur will not occur.
Conditions to avoid:	Keep away from heat, sparks and open flames
Incompatible materials:	Strong oxidizing agents. Acids. Chlorinated compounds.
Hazardous decomposition products:	Carbon oxides.

SECTION 11 TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact:	Causes serious eye damage.
Skin Contact:	No adverse effects due to skin contact are expected.
Inhalation:	Do not inhale.
Ingestion:	Do not ingest

Information on likely routes of exposure

Product Information

Component Information

Chemical Name	Oral LD50
Isopropyl Alcohol	>2000 - <=5000 mg/kg
Ammonium Lauryl Sulfate	> 2,000 mg/kg

INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS:

Symptoms: Please see section 4 of this SDS for symptoms.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl Alcohol (67-63-0)	Group 3	X		

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

STOT - SINGLE EXPOSURE: None expected, when used as intended

CHRONIC TOXICITY: Avoid repeated exposure. Contains a known or suspected reproductive toxin.

NUMERICAL MEASURES OF TOXICITY: Not determined.

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Fish</u>		
		<u>LC50 / 96h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Isopropanol	67-63-0	9640 mg/L (Fathead minnow)	N/Av	None.

<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Daphnia</u>		
		<u>EC50 / 48h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Isopropanol	67-63-0	> 10 000 mg/L/24hr (Daphnia magna)	30 mg/L	None.

<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Isopropanol	67-63-0	N/Av	N/Av	None.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Isopropanol (CAS 67-63-0)	0.05	1.0

Persistence and degradability : Not available

Bioaccumulation potential : Not available

Mobility in soil : Not available.

None known or reported by the manufacturer. Other Adverse Environmental effects

SECTION 13 DISPOSABLE CONSIDERATION

Waste Treatment Methods

Disposal of Wastes:

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Isopropyl Alcohol 67-63-0	Toxic Ignitable

SECTION 14 TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropanol)	not regulated	II	
49CFR/DOT Additional information	Special provision 47 allows for UN3175, Solids, Containing flammable liquid, N.O.S. in sealed packages, containing less than 10 ml to be exempted from the regulations, provided there is no free liquid in the packet.				
IMDG	UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	not regulated	II	
IMDG Additional information	Special provision 216 allows for UN 3175, Solids, Containing flammable liquid, N.O.S. in sealed packages, containing less than 10 ml to be exempted from the regulations, provided there is no free liquid in the packet.				
ICAO/IATA	UN3175	Solids containing flammable liquid, n.o.s. (Isopropanol)	not regulated	II	
ICAO/IATA Additional information	Special provision A46 allows for UN 3175, Solids, Containing flammable liquid, N.O.S. in sealed packages, containing less than 10 ml to be exempted from the regulations, provided there is no free liquid in the packet.				

Special precautions for user : Appropriate advice on safety must accompany the package.

Environmental hazards : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not established.

SECTION 15 REGULATORY INFORMATION
US Federal Regulations
CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355)

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Isopropyl Alcohol - 67-63-0	67-63-0	27	1.0

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations
California Proposition 65

This product does not contain any Proposition 65 chemicals.

SECTION 16 OTHER INFORMATION

Revision Date: July 18, 2025

Revision No.: 01

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.