



WELLY HEALTH PBC

Safety Data Sheet Welly Triple Antibiotic Ointment

SECTION 1: Identification

1.1 GHS Product identifier

Product name **Welly Triple Antibiotic Ointment**

1.4 Supplier's details

Name Welly Health PBC
Address 700 Nicollet Mall
Suite 800
Minneapolis, MN 55402
United States

Telephone 1-833-239-3559
email hello@getwelly.com

1.5 Emergency phone number 1-833-239-3559 (24-Hour Coverage)

SECTION 2: Hazard identification

General hazard statement

Personal Care applications. No restrictions on use. Chemical Family: Mixture

2.1 **Classification of the substance or mixture:** White gel. Mild odor. This product is sold as a personal care item that is safe for consumers and other users under normal and reasonably foreseeable use. As such, it is not regulated under Hazcomm 2012/WHMIS 2015 labeling and SDS requirements do not apply.

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

2.2 GHS label elements, including precautionary statements

Hazard Pictogram(s): None required under US OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations
Signal Word: None required under US OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations
Hazard Statement(s): None required under US OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations
Precautionary Statement(s): None required under US OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations

2.3 Other hazards which do not result in classification

None known.

Statement regarding ingredients of unknown toxicity

Not a hazardous substance or mixture.

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SECTION 3: Composition/information on ingredients

Mixture

Chemical Name	Common Name and Synonyms	CAS #	Concentration (% by weight)
Bacitracin Zinc	Not available	1405-89-6	Proprietary
Neomycin Sulfate	Not available	1405-10-3	Proprietary
Polymyxin b, Sulfate (salt)	Not available	1405-20-5	Proprietary

The exact concentrations and/or specific chemical identities of the above listed chemicals are being withheld as a trade secret as allowed by 29CFR1910.1200.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance
If inhaled	Under normal conditions of intended use, no harmful effects are expected. use. If symptomatic, move to fresh air. Get medical attention if symptoms persist.
In case of skin contact	Harmful effects are not expected under normal usage. If skin irritation or rash occurs, get medical advice/attention
In case of eye contact	If in the eye(s), rinse cautiously with water for several minutes. If eye irritation persists, get medical advice/attention
Personal protective equipment for first-aid responders	Not applicable

4.2 Most important symptoms/effects, acute and delayed:

None expected, when used as intended

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Dry chemicals. Foam. Carbon dioxide (CO₂). Water or fog spray.
Unsuitable extinguishing media: Do not use water jet as extinguisher, as this will spread the fire.

5.2 Specific hazards arising from the chemical

Vapors are heavier than air and may spread along the floors.

5.3 Flammability classification (OSHA 29CFR 1910.106)

Not flammable

5.4 Hazardous combustion products

Carbon Oxides

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SECTION 5: Fire-fighting measures (continued)

5.3 Special protective actions for fire-fighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Special fire-fighting procedures: Fight fires from a safe distance. Move containers from fire area if safe to do so. Cool containers exposed to heat with water spray.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition (no smoking, flares, sparks, or flames in immediate area). Wear appropriate personal protective equipment.

6.2 Environmental precautions

Do not allow material to contaminate ground water system. For large spills, dike the area to prevent spreading.

6.3 Methods and materials for containment and cleaning up

Wipe up with absorbent material (e.g. – cloth, fleece)

6.4 Special spill response procedure

Not applicable.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources – no smoking. Do not ingest or swallow. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep containers closed when not in use.

Incompatible materials:

Strong oxidizing agents. Acids.

Specific end use(s)

The product is used for temporary relief of itching.

SECTION 8: Exposure controls/personal protection

Exposure Limits: Chemical Name	ACGIH TLV		OSHA PEL	
	TWA	STEL	PEL	STEL
Bacitracin Zinc	N/Av	N/Av	N/Av	N/Av
Neomycin Sulfate	N/Av	N/Av	N/Av	N/Av
Polymyxin b, sulfate (salt)	N/Av	N/Av	N/Av	N/Av

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SECTION 8: Exposure controls/personal protection (continued)

- 8.2 Appropriate engineering controls** : None required under normal conditions.
- 8.3 Individual protection measures, such as personal protective equipment (PPE)**
- General Hygiene considerations** : Always observe good person hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.
- Eye/face protection** : None required under normal conditions.
- Skin protection** : None required under normal conditions.
- Body protection** : None required under normal conditions.
- Respiratory protection** : None required under normal conditions.
- Other protective equipment** : None required under normal conditions.

SECTION 9: Physical and chemical properties and safety characteristics

Basic physical and chemical properties

Physical state	Ointment
Appearance	White
Odor	Mild odor
Odor threshold	Not available
Melting point/freezing point	Not available
Boiling point or initial boiling point and boiling range	Not available
Flammability (solid, gas)	Not available
Lower and upper explosion limit/flammability limit	Not applicable
Flashpoint	>93.3°C (>199.9°F)
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	None
viscosity	Not available
Solubility in water	Insoluble
Relative density/Specific Gravity	Not available
Partition coefficient n-octanol/water (log value)	Not available
Vapor pressure	Not available
Evaporation rate	Not available
Relative vapor density	Not available

SECTION 10: Stability and reactivity

- 10.1 Reactivity**
Stable and non-reactive under normal conditions for use, storage and transport.
- 10.2 Chemical stability**
Stable under normal conditions.
- 10.3 Possibility of hazardous reactions**
Hazardous polymerization does not occur.

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SECTION 10: Stability and reactivity (continued)

10.4 Conditions to avoid

Keep away from heat, sparks and open flames.

10.5 Incompatible materials

See Section 7 (Handling and Storage) for further details.

10.6 Hazardous decomposition products

See Section 5 (Fire Fighting Measures).

SECTION 11: Toxicological information

Information on likely routes of exposure:

Routes of entry - inhalation : YES
Routes of entry – skin & eye : YES
Routes of entry – ingestion : YES
Routes of exposure skin absorption: YES

Information on toxicological effects

Skin corrosion/irritation

Product not expected to be a skin hazard under normal use.

Serious eye damage/irritation

Based on intended use, not expected. Direct contact with eye will cause irritation.

Respiratory or skin sensitization

Not expected to be skin or respiratory sensitizer

Germ cell mutagenicity

Based on intended use, not expected.

Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

STOT-single exposure

None expected when used as intended.

STOT-repeated exposure

None expected when used as intended.

Aspiration hazard

None expected when used as intended.

Potential Chronic Health Effects

Prolonged or repeated skin contact may cause drying and irritation. Prolonged overexposure may cause liver and kidney effects.

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SECTION 12: Ecological information

Toxicity

This product is not classified as environmentally hazardous. Avoid release to the environment.

Ecotoxicity Data:

<u>Ingredients</u>	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Bacitracin zinc	1405-89-6	N/Av	N/Av	None.
Neomycin sulfate	1405-10-3	N/Av	N/Av	None.
Polymyxin b, sulfate (salt)	1405-20-5	N/Av	N/Av	None.

<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Bacitracin zinc	1405-89-6	N/Av	N/Av	None.
Neomycin sulfate	1405-10-3	N/Av	N/Av	None.
Polymyxin b, sulfate (salt)	1405-20-5	N/Av	N/Av	None.

<u>Ingredients</u>	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Bacitracin zinc	1405-89-6	N/Av	N/Av	None.
Neomycin sulfate	1405-10-3	N/Av	N/Av	None.
Polymyxin b, sulfate (salt)	1405-20-5	N/Av	N/Av	None.

Persistence and degradability

Not available.

Bio accumulative potential

Not available.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Bacitracin zinc (CAS 1405-89-6)	N/Av	N/Av
Neomycin sulfate (CAS 1405-10-3)	N/Av	N/Av
Polymyxin b, sulfate (salt) (CAS 1405-20-5)	N/Av	N/Av

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SECTION 12: Ecological information (continued)

Mobility in soil
 Not available.
Other adverse effects
 Not available.





SECTION 13: Disposal considerations

Handling for Disposal: Dispose of in accordance with all federal, state, provincial and local regulations.

Methods of Disposal: Dispose in accordance with all applicable federal, state, provincial and local regulations.

RCRA: Not applicable

SECTION 14: Transport information

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	None.	Not regulated.	not regulated	none	
49CFR/DOT Additional information	None.				
TDG	None.	Not regulated.	not regulated	none	
TDG Additional information	None.				
ICAO/IATA	None.	Not regulated.	not regulated	none	
ICAO/IATA Additional information	None.				
IMDG	None.	Not regulated.	not regulated	none	
IMDG Additional information	None.				

Special precautions for user: Keep away from heat and flame.

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

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SECTION 15: Regulatory information

US Federal Information:

Components listed below are present on the following US Federal chemical lists:

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Bacitracin zinc	1405-89-6	Yes	N/Ap	N/Av	No	N/Ap
Neomycin sulfate	1405-10-3	Yes	N/Ap	N/Av	No	N/Ap
Polymyxin b, sulfate (salt)	1405-20-5	NL	N/Ap	N/Av	No	N/Ap

SARA TITLE III: Section 313, Toxic Chemicals Notification, 40 CFR 372: None. Under Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual states:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Bacitracin zinc	1405-89-6	No	N/Ap	No	No	No	No	No	No
Neomycin sulfate	1405-10-3	Yes	Developmental	No	No	No	No	No	No
Polymyxin b, sulfate (salt)	1405-20-5	No	N/Ap	No	No	No	No	No	No

Canadian Information:

All components of this product are on the Canadian DSL list.

WHMIS Classification: See Section 2

International Information:

Components listed below are present on the following International Inventory lists:

<u>Ingredients</u>	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Bacitracin zinc	1405-89-6	215-787-8	Present	Present	(8)-475	N/Av	N/Av	HSR003849
Neomycin sulfate	1405-10-3	215-773-1	Present	Present	N/Av	KE-25806	Present	HSR003798
Polymyxin b, sulfate (salt)	1405-20-5	215-774-7	Present	Present	N/Av	KE-05-1072	Present	HSR003906

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SECTION 16: Other information

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists

CA: California

CAS: Chemical Abstract Service

CEPA: Canadian Environmental Protection Act

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980

CFR: Code of Federal Regulations

CPR: Controlled Products Regulation

CSA: Canadian Standards Association

DOT: Department of Transportation

DSL: Domestic Substances List

EPA: Environmental Protection Agency

HPA: Hazardous Product Act

HSDB: Hazardous Substances Data Bank

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMDG: International Maritime Dangerous Goods

Inh: Inhalation

LC: Lethal Concentration

LD: Lethal Dose

MA: Massachusetts

MN: Minnesota

N/Ap: Not Applicable

N/Av: Not Available

NIOSH: National Institute of Occupational Safety and Health

NJ: New Jersey

NOEC: No observable effect concentration

NTP: National Toxicology Program

OECD: Organization for Economic Co-operation and Development

OEL: National occupational exposure limits

OSHA: Occupational Safety and Health Administration

PA: Pennsylvania

PEL: Permissible exposure limit

PPE: Personal Protective Equipment

RCRA: Resource Conservation and Recovery Act

RI: Rhode Island

RQ: Reportable Quantity

RTECS: Registry of Toxic Effects of Chemical Substances

SARA: Superfund Amendments and Reauthorization Act

SDS: Safety Data Sheet

STEL: Short Term Exposure Limit

TDG: Canadian Transportation of Dangerous Goods Act & Regulations

TLV: Threshold Limit Values

TWA: Time Weighted Average

WEL: Workplace Exposure Limit

WHMIS: Workplace Hazardous Materials Identification System

Revision: 1.0

Date Prepared: 01/28/2025

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DISCLAIMER

This Safety Data Sheet was prepared by Welly Health PBC using information provided by its contract manufacturer. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Welly Health PBC expressly disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this Safety Data Sheet does not apply to use with any other product or in any other process.
This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of Welly Health PBC.



WELLY HEALTH PBC

Safety Data Sheet Welly 1% Hydrocortisone Cream

SECTION 1: Identification

1.1 GHS Product identifier

Product name **Welly 1% Hydrocortisone Cream**

1.4 Supplier's details

Name Welly Health PBC
Address 700 Nicolette Mall
Suite 800
Minneapolis, MN 55402
United States

Telephone 1-833-239-3559
email hello@getwelly.com

1.5 **Emergency phone number** 1-833-239-3559 (24-Hour Coverage)

SECTION 2: Hazard identification

General hazard statement

Personal Care applications. No restrictions on use. Chemical Family: Mixture

2.1 **Classification of the substance or mixture:** White cream. This product is sold as a personal care item that is safe for consumers and other users under normal and reasonably foreseeable use. As such, it is not regulated under Hazcomm 2012/WHMIS 2015 labeling and SDS requirements do not apply.

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

2.2 GHS label elements, including precautionary statements

Hazard Pictogram(s): None required under US OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations
Signal Word: None required under US OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations
Hazard Statement(s): None required under US OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations
Precautionary Statement(s): None required under US OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations

2.3 Other hazards which do not result in classification

None known.

Statement regarding ingredients of unknown toxicity

Not a hazardous substance or mixture.

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SECTION 3: Composition/information on Ingredients

Mixture

Chemical Name	Common Name and Synonyms	CAS #	Concentration (% by weight)
Hydrocortisone	Hydrocortisone	50-23-7	0.5 – 1.5
Mineral Oil	Paraffin Oil Liquid petrolatum	8042-47-5	1.0 – 5.0

The exact concentrations and/or specific chemical identities of the above listed chemicals are being withheld as a trade secret as allowed by 29CFR1910.1200.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance
If inhaled	Under normal conditions of intended use, none required under normal conditions of use. If symptomatic, move to fresh air. Get medical attention if symptoms persist.
In case of skin contact	No treatment is necessary under ordinary use. If skin irritation or rash occurs, get medical advice/attention.
In case of eye contact	If eye contact is made. Rinse cautiously with water for several minutes. If eye irritation persists, get medical advice/attention
If swallowed	Under normal conditions of intended use, this product is not ingested. In case of an accident or if you feel unwell, seek medical advice immediately (show the label when possible).
Personal protective equipment for first-aid responders	Not applicable

4.2 Most important symptoms/effects, acute and delayed

None expected when used as intended.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Dry chemicals. Foam. Carbon dioxide (CO₂). Water or fog spray.

5.2 Specific hazards arising from the chemical

None

5.3 Flammability classification (OSHA 29 CFR 1910.106)

Not applicable

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SECTION 5: Fire-fighting measures (continued)

5.3 Special protective actions for fire-fighters

Firefighters should wear an approved full-face, self-contained breathing apparatus (SCBA) and impervious clothing.

Special fire-fighting procedures: Fight fires from a safe distance. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all ignition sources (no smoking, flames, sparks, or flames in the immediate area). Wear appropriate personal protective equipment.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and materials for containment and cleaning up

Wipe up with absorbent material (e.g. – cloth, fleece)

6.4 Special spill response procedure

Not applicable.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not ingest or swallow. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep containers closed when not in use.

Incompatible materials:

Strong oxidizing agents. Acids.

Specific end use(s)

This product is used to relieve itching.

SECTION 8: Exposure controls/personal protection

Exposure Limits:	ACGIH TLV		OSHA PEL	
	TWA	STEL	PEL	STEL
Chemical Name				
Hydrocortisone	N/Av	0.5 mg/m ³	0.5 mg/m ³	N/Av
Mineral Oil	5 mg/m ³ (inhalable) N/Av (As "Oil Mist")		N/Av	N/Av

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SECTION 8: Exposure controls/personal protection (continued)

8.2 Appropriate engineering controls

None required under normal conditions.

8.3 Individual protection measures, such as personal protective equipment (PPE)

General Hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking.

Eye/face protection

None required under normal conditions.

Skin protection

None required under normal conditions.

Respiratory protection

None required under normal conditions.

Other protective equipment

None required under normal conditions.

SECTION 9: Physical and chemical properties and safety characteristics

Basic physical and chemical properties

Physical state	Cream
Appearance	White cream
Odor	Slight odor
Odor threshold	Not available
Melting point/freezing point	Not Available
Boiling point or initial boiling point and boiling range	Not available
Flammability (solid, gas)	Not available
Lower and upper explosion limit/flammability limit	Not applicable
Flashpoint	>230°C (446°F)
Flashpoint (method)	Closed cup
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	6.0 - 8.0
viscosity	Not available
Solubility in water	Complete
Relative density/Specific Gravity	Not available
Partition coefficient n-octanol/water or coefficient of water/oil distribution	Not available
Vapor pressure	Not available
Evaporation rate	Not available
Relative vapor density	Not available

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SECTION 10: Stability and reactivity

10.1 Reactivity

Stable and non-reactive under normal conditions for use, storage and transport.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization does not occur.

10.4 Conditions to avoid

Keep away from heat, sparks and open flames.

10.5 Incompatible materials

See Section 7 (Handling and Storage) for further details.

10.6 Hazardous decomposition products

See Section 5 (Fire Fighting Measures).

SECTION 11: Toxicological information

Information on likely routes of exposure:

Routes of entry - inhalation	:	YES
Routes of entry – skin & eye	:	YES
Routes of entry – ingestion	:	YES
Routes of exposure skin absorption:		YES

Potential Health Effects

Signs and symptoms of short-term (acute) exposure

Signs and symptoms Inhalation:	None expected, when used as intended
Signs and symptoms Ingestion:	None expected, when used as intended
Signs and symptoms Skin:	None expected, when used as intended
Signs and symptoms Eyes	None expected, when used as intended. Direct eye contact may cause irritation. Symptoms may include tearing, redness and discomfort.

Potential Chronic Health Effects None expected, when used as intended

Mutagenicity Not expected to be mutagenic

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA

Reproductive effects & Teratogenicity

This product is not expected to cause reproductive or developmental effects

Sensitization to material Not expected to be a skin or respiratory sensitizer

Specific target organ effects Not expected to have any, when used as intended

Medical conditions aggravated by overexposure

None

Synergistic materials

None

Toxicological data

See below for individual ingredient acute toxicity data

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SECTION 11: Toxicological information (continued)

Chemical Name	LC50(4hr)	LD50	
	inh, rat	(Oral, Rat)	(Rabbit, dermal)
Hydrocortisone	N/Av	2,000 mg/kg	>5,000 mg/kg
Mineral Oil	> 5 mg/L (mist (no mortality))	> 5000 mg/kg	> 2000 mg/kg

Other important toxicological hazards None known

SECTION 12: Ecological information

Ecotoxicity

This product is not classified as environmentally hazardous. Avoid release to the environment.

Ecotoxicity data:

Ingredients	CAS No.	Toxicity to Fish		
		LC₅₀ 96h	NOEC / 21 day	M Factor
Hydrocortisone	50-23-7	N/Av	N/Av	None
Mineral Oil	8024-47-5	> 1000 mg/L (Rainbow trout)	> 1000 mg/L/28-day	None

Ingredients	CAS No.	Toxicity to Daphnia		
		EC₅₀ 48h	NOEC / 21 day	M Factor
Hydrocortisone	50-23-7	100 mg/L (Daphnia magna)	25 mg/L	None
Mineral Oil	8024-47-5	> 100 mg/L (Daphnia magna)	> 10 mg/L (Read-across)	None

Ingredients	CAS No.	Toxicity to Algae		
		EC₅₀ 96h or 72h	NOEC / 96h or 72h	M Factor
Hydrocortisone	50-23-7	1 mg/L/72hr (Green algae)	0.1 mg (96h)	10
Mineral Oil	8024-47-5	N/Av	> 100 mg/L/72hr (NOEL) (Green Algae)	None

Persistence and degradability

Not available.

Bio accumulative potential

Not available.

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SECTION 12: Ecological information (continued)

Component	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
Hydrocortisone (CAS #50-23-7)	3.5	N/Av

Mobility in soil

Not available.

Other adverse environmental effects

Not available.

SECTION 13: Disposal considerations

Handling for Disposal:

Dispose of in accordance with local regulations





Methods of Disposal:

Dispose of in accordance with local regulations.

RCRA:

Not applicable

SECTION 14: Transport information

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	None.	Not regulated.	not regulated	none	
49CFR/DOT Additional information	Not regulated for road or rail shipment if packaged in non-bulk containers (450 Litres or less each).				
TDG	None.	Not regulated.	not regulated	none	
TDG Additional information	None.				
ICAO/IATA	None.	Not regulated.	not regulated	none	
ICAO/IATA Additional information	None.				
IMDG	None.	Not regulated.	not regulated	none	
IMDG Additional information	None.				

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SECTION 14: Transport information (continued)

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 Information:

Components listed below are present on the following US Federal chemical lists:

Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity (RQ) (40 CFR 117.302)	SARA TITLE III: Sec 302, Extremely Hazardous Substance, 40 CFR 355	SARA Title III: Sec 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Hydrocortisone	50-23-7	Yes	None	None	No	N/Ap
Mineral Oil	8042-47-5	Yes	None	None	No	N/Ap

SARA TITLE III: Section 313, Toxic Chemicals Notification, 40 CFR 372: None. Under Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual states:

Ingredients	CAS #	California Proposition 65		State "Right to Know Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Hydrocortisone	50-23-7	No	N/Ap	No	No	No	No	No	No
Mineral Oil	8042-47-5	No	N/Ap	No	No	No	No	No	No

Canadian Information:

All components of this product are on the Canadian DSL list.

WHMIS Classification: See Section 2

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SECTION 15: Regulatory information (continued)

International Information:

Components listed below are present on the following International Inventory lists:

Ingredients	CAS#	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	China IECSC	New Zealand IOC
Hydrocortisone	50-23-7	200-020-1	Present	Present	Present	Present	Present
Mineral Oil	8042-47-5	232-455-8	Present	Present	Present	Present	Present

SECTION 16: Other information

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists

CA: California

CAS: Chemical Abstract Service

CEPA: Canadian Environmental Protection Act

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980

CFR: Code of Federal Regulations

CPR: Controlled Products Regulation

CSA: Canadian Standards Association

DOT: Department of Transportation

DSL: Domestic Substances List

EPA: Environmental Protection Agency

HPA: Hazardous Product Act

HSDB: Hazardous Substances Data Bank

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMDG: International Maritime Dangerous Goods

Inh: Inhalation

LC: Lethal Concentration

LD: Lethal Dose

MA: Massachusetts

MN: Minnesota

N/Ap: Not Applicable

N/Av: Not Available

NIOSH: National Institute of Occupational Safety and Health

NJ: New Jersey

NOEC: No observable effect concentration

NTP: National Toxicology Program

OECD: Organization for Economic Co-operation and Development

OEL: National occupational exposure limits

OSHA: Occupational Safety and Health Administration

Safety Data Sheet

Welly 1% Hydrocortisone Cream

SECTION 16: Other information (continued)

PA: Pennsylvania
PEL: Permissible exposure limit
PPE: Personal Protective Equipment
RCRA: Resource Conservation and Recovery Act
RI: Rhode Island
RQ: Reportable Quantity
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TWA: Time Weighted Average
WEL: Workplace Exposure Limit
WHMIS: Workplace Hazardous Materials Identification System

Revision: Original
Date Prepared: 04/12/2024

DISCLAIMER

This Safety Data Sheet was prepared by Welly Health PBC using information provided by its contract manufacturer. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Welly Health PBC expressly disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this Safety Data Sheet does not apply to use with any other product or in any other process.
This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of Welly Health PBC.

SAFETY DATA SHEET

Issuing Date 21-Mar-2013

Revision Date 18-July-2019

Revision Number 4



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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Ibuprofen 200mg Film Coated Brown Round Tablets

Other means of identification

Synonyms 44-291

Recommended use of the chemical and restrictions on use

Recommended Use Analgesic

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name LNK International Inc.

Supplier Address 22 Arkay Drive
Hauppauge
New York
11788
US

Supplier Phone Number Phone:631-435-3500
Fax:631-435-3542
Contact Phone631-435-3500

Supplier Email jhogan@lnkintl.com

Emergency telephone number 1-800-426-9381



2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Over-the-counter drugs in their final form as sold to the consumer are exempt from regulation under the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Thus, no SDS is required for this product. The information provided below is a composite of the safety data sheets for the active ingredients and is not intended to comply with any regulatory requirement. It is provided in the form of an SDS at the request of the purchaser.

Acute toxicity - Oral	Category 4
-----------------------	------------

GHS Label elements, including precautionary statements

Emergency Overview

Warning

Signal word

Hazard Statements

Harmful if swallowed



This product contains an active pharmaceutical ingredient(s): Ibuprofen. Please refer to the product labeling and packaging for information about appropriate use. The following is a summary of the information contained in the product labeling and packaging.

May be harmful if swallowed in amounts above the therapeutic dose.

Consumers: Refer to the label or packaging for consumer-specific information about the directional use and effects of this product.

Only information about the ingredients that are expected to contribute to the potential health effects of the product are included in this SDS.

Do not use if package is open or torn.

Allergy alert: Ibuprofen may cause a severe allergic reaction, especially in people allergic to aspirin. Symptoms may include: hives, facial swelling, asthma (wheezing), shock, skin reddening, rash, blisters. If an allergic reaction occurs, stop use and seek medical help right away.

Appearance Brown

Physical state Solid/Powder Solid

Odor Odorless

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Use personal protective equipment as required

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Ingestion

IF SWALLOWED ABOVE THERAPEUTIC DOSE: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth

Precautionary Statements - Storage

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

Precautionary Statements - Disposal

Dispose of in accordance with local regulations.

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

14.84 % of the mixture consists of ingredient(s) of unknown toxicity

Other information

Toxic to aquatic life with long lasting effects

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Ibuprofen	15687-27-1	30 - 60	*
Microcrystalline cellulose	9004-34-6	5 - 15	*
Lactose	63-42-3	1 - 10	*
Maize starch	9005-25-8	3 - 7	*
Sodium starch glycolate	9063-38-1	3 - 7	*
Fumed silica gel	112945-52-5	1 - 5	*
Stearic acid	57-11-4	1 - 5	*
Hypromellose	9004-65-3	1 - 5	*
Polyethylene glycol	25322-68-3	1 - 5	*
Carnauba wax	8015-86-9	0.1 - 1	*
Red iron oxide	1309-37-1	0.1 - 1	*
Polydextrose	68424-04-4	0.1 - 1	*
Titanium dioxide	13463-67-7	0.1 - 1	*
Magnesium stearate	557-04-0	0.1 - 1	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures**General Advice**

Refer to information on package labeling and packaging. In case of overdose, get medical help or contact a Poison Control Center right away. Immediate medical attention is required.



Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Ingestion	If swallowed above therapeutic dose: Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician. If large quantities of this material are swallowed, call a physician immediately.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects No information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA**Health Hazard 1****Flammability 0****Stability 0****Physical and
Chemical Hazards -**

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

Incompatible Products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines The following addresses exposure to some of the ingredients of Ibuprofen 200mg Film Coated Brown Round Tablets, not exposure to the product. For information regarding appropriate use of the product, review the labeling and packaging material.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Maize starch 9005-25-8	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Silica, amorphous, fumed, crystal-free	10 mg/m ³	TWA: 20 mppcf; ((80))/(% SiO ₂)	IDLH: 3000 mg/m ³



112945-52-5		mg/m ³)	TWA: 6 mg/m ³
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Appropriate engineering controls

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Engineering Measures
Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection Wear protective gloves and protective clothing.

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.

Hygiene Measures Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Solid/Powder, Solid	Odor	Odorless
Appearance	Varies	Odor Threshold	No information available
Color	No information available		
Property	Values	Remarks	Method
pH	No data available	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	No data available	None known	
Water Solubility	Soluble in hot water	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	0	None known	
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	0	None known	

Explosive properties No data available
Oxidizing properties No data available

Other Information

Softening Point No data available
VOC Content (%) No data available
Particle Size No data available
Particle Size Distribution No data available

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10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Uncontrolled

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available. Harmful if swallowed. (based on components).

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ibuprofen 15687-27-1	= 636 mg/kg (Rat)	-	-
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product.

Chemical Name	ACGIH	IARC	NTP	OSHA
Silica, amorphous, fumed, crystal-free 112945-52-5		Group 3		
Titanium dioxide 13463-67-7		Group 2B		X

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

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

X - Present

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity No known effect based on information supplied.

Target Organ Effects Eyes. Respiratory system. Skin. Blood. Gastrointestinal tract (GI).

Aspiration Hazard No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)

903.00 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ibuprofen 15687-27-1	120h EC50: = 39.9 mg/L (Skeletonema costatum)	96h LC50: = 173 mg/L (Lepomis macrochirus)	EC50 = 12.3 mg/L 5 min EC50 = 13.12 mg/L 15 min EC50 = 13.82 mg/L 30 min	48h EC50: = 9.06 mg/L

Persistence and Degradability

No information available.

Bioaccumulation

Chemical Name	Log Pow
Ibuprofen 15687-27-1	3.3

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

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

Dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes 311

14. TRANSPORT INFORMATION

DOT
 Proper Shipping Name NOT REGULATED
 Hazard Class NON REGULATED
 N/A

TDG Not regulated

MEX Not regulated

ICAO Not regulated



<u>IATA</u>	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>IMDG/IMO</u>	Not regulated
Hazard Class	N/A
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

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15. REGULATORY INFORMATION

Regulatory Status

Over-the-counter drugs in their final form as sold to the consumer are exempt from regulation under the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Thus, no SDS is required for this product. The information provided below is a composite of the SD sheets for the active ingredients and is not intended to comply with any regulatory requirement. It is provided in the form of an SDS at the request of the purchaser.

International Inventories

TSCA Complies
 DSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

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)



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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Maize starch 9005-25-8		X	X		
Iron oxide 1309-37-1	X	X	X		
Titanium dioxide 13463-67-7	X	X	X		

International Regulations**Mexico****National occupational exposure limits**

Component	Carcinogen Status	Exposure Limits
Titanium dioxide 13463-67-7 (0.1 - 1)		Mexico: TWA= 10 mg/m ³ Mexico: STEL= 20 mg/m ³

Mexico - Occupational Exposure Limits - Carcinogens

Canada**WHMIS Hazard Class**

Not determined

16. OTHER INFORMATION

NFPA	Health Hazards 1	Flammability 0	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazards 1	Flammability 0	Physical Hazard 0	Personal Protection X

Chronic Hazard Star Legend * = Chronic Health Hazard

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Issuing Date 21-Mar-2013
Revision Date 18-July-2019
Revision Note No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at



the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet

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Uncontrolled



Category: SDS Sheets for Welly Products
Title: LNK Ibuprofen tablet SDS 44-291

Version 01	State Effective	Effective Date 03-JUN-2020	Document ID 350094
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REVISION HISTORY

Version 01 Effective on 03-Jun-2020

NA

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DOCUMENT APPROVAL WORKFLOW

Author Approval

Pankaj Jitiya
Quality and Regulatory Associate I
pankaj@getwelly.com

I am the author of this document.
Signed 4:14:24 PM UTC 03-Jun-2020

Benzalkonium Chloride Antiseptic Wipe

SDS Preparation Date: 10/04/2022

Page 1 of 10

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Benzalkonium Chloride Antiseptic Wipe**

Other means of identification : Not available

Recommended use of the chemical and restrictions on use

: Personal Care Applications
Restriction on use: Topical

Chemical family

: Mixture.

Name, address, and telephone number of the manufacturer:

Safetec of America, Inc.

887 Kensington Avenue

Buffalo, NY, USA 14215

Manufacturer's Telephone # : (716) 895 1822

Name, address, and telephone number of the supplier:

Welly Health PBC

30 South 9th Street, 7th Floor

Minneapolis, MN, USA 55402

Supplier's Telephone # : 1 (833) BE WELLY

24 Hr. Emergency Tel # : 1-800-222-1222

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical: Towelette saturated with clear liquid. Alcohol odor. This product is sold as a personal care item that is safe for consumers and other users under normal and reasonably foreseeable use. As such, it is not regulated under Hazcom 2012/WHMIS 2015 labeling and SDS requirements do not apply.

Label elements

Hazard pictogram:



Signal Word

Warning

Hazard statement(s)

Flammable Liquids - Category 3

Precautionary statement(s)

None

Other hazards

None known.



Benzalkonium Chloride Antiseptic Wipe

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SAFETY DATA SHEET

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Ethanol	Ethyl alcohol Ethyl hydrate	64-17-5	5.0 - 10.0
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	Benzalkonium Chloride	63449-41-2	0.1 - 1.0

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

- Ingestion* : Harmful effects are not expected under normal usage. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- Inhalation* : Harmful effects are not expected under normal usage. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- Skin contact* : Harmful effects are not expected under normal usage. If skin irritation or rash occurs: Get medical advice/attention.
- Eye contact* : If in eyes: Rinse cautiously with water for several minutes. If eye irritation persists: get medical advice/attention.

Most important symptoms and effects, both acute and delayed

- : None expected, when used as intended.

Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media* : Dry chemicals. Foam. Carbon dioxide (CO₂). Water or fog spray.
- Unsuitable extinguishing media* : Do not use water jet as extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture / Conditions of flammability

- : Flammable liquid contained in a towelette.

Flammability classification (OSHA 29 CFR 1910.106)

- : Flammable Liquids - Category 3

Hazardous combustion products

- : Carbon oxides

Special protective equipment and precautions for firefighters

- Protective equipment for fire-fighters* : Firefighters should wear an approved full-face, self-contained breathing apparatus (SCBA) and impervious clothing.
- Special fire-fighting procedures* : Cool containers exposed to heat with water spray and remove container, if no risk is involved.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- : Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate personal protective equipment.

Environmental precautions

- : Avoid release to the environment.



Benzalkonium Chloride Antiseptic Wipe

SDS Preparation Date: 10/04/2022

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SAFETY DATA SHEET

Methods and material for containment and cleaning up

: Wipe up with absorbent material (e.g. cloth, fleece).

Special spill response procedures

: Not applicable.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Do not ingest or swallow. Observe good industrial hygiene practices.

Conditions for safe storage : Keep containers closed when not in use.

Incompatible materials : Strong oxidizing agents. Acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
	Ethanol	N/Av	1000 ppm	1000 ppm (1900 mg/m ³)
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	N/Av	N/Av	N/Av	N/Av

Exposure controls

Ventilation and engineering measures

: None required under normal conditions.

Respiratory protection : None required under normal conditions.

Skin protection : None required under normal conditions.

Eye / face protection : None required under normal conditions.

Other protective equipment : None required when used as intended.

General hygiene considerations

: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Towelette saturated with clear liquid.

Odour : Alcohol odour.

Odour threshold : Not available.

pH : Not available.

Melting Point/Freezing point : Not available.

Initial boiling point and boiling range

: Not available.

Flash point : 25°C (77°F)

Flashpoint (Method) : Closed cup

Evaporation rate (BuAe = 1) : Not available.

Flammability (solid, gas) : Not applicable.



Benzalkonium Chloride Antiseptic Wipe

SDS Preparation Date: 10/04/2022

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SAFETY DATA SHEET

Lower flammable limit (% by vol.)

: Not available.

Upper flammable limit (% by vol.)

: Not available.

Oxidizing properties : Not applicable

Explosive properties : Not explosive

Vapour pressure : Not available.

Vapour density : Not available.

Relative density / Specific gravity

: 0.98

Solubility in water : Complete

Other solubility(ies) : Not available.

Partition coefficient: n-octanol/water or Coefficient of water/oil distribution

: Not available.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Not available.

Volatiles (% by weight) : Not available.

Volatile organic Compounds (VOC's)

: Not available.

Absolute pressure of container

: Not available.

Flame projection length : Not available.

Other physical/chemical comments

: None known or reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability : Material is stable under normal conditions.

Possibility of hazardous reactions

: Hazardous polymerization does not occur.

Conditions to avoid : Keep away from heat, sparks and open flames.

Incompatible materials : See Section 7 (Handling and Storage) for further details.

Hazardous decomposition products

: See Section 5 (Fire Fighting Measures).

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : YES

Routes of entry skin & eye : YES

Routes of entry Ingestion : YES

Routes of exposure skin absorption

: YES



Benzalkonium Chloride Antiseptic Wipe

SDS Preparation Date: 10/04/2022

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SAFETY DATA SHEET

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

: None expected, when used as intended.

Sign and symptoms ingestion

: None expected, when used as intended.

Sign and symptoms skin

: None expected, when used as intended.

Sign and symptoms eyes

: None expected, when used as intended. Direct eye contact may cause irritation. Symptoms may include tearing, redness and discomfort.

Potential Chronic Health Effects

: None expected, when used as intended.

Mutagenicity

: Not expected to be mutagenic.

Carcinogenicity

: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive effects & Teratogenicity

: This product is not expected to cause reproductive or developmental effects.

Sensitization to material

: Not expected to be a skin or respiratory sensitizer.

Specific target organ effects : None expected, when used as intended.

Medical conditions aggravated by overexposure

: None reported by the manufacturer.

Synergistic materials

: None reported by the manufacturer.

Toxicological data

: See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC₅₀(4hr)</u> <u>inh, rat</u>	<u>LD₅₀</u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Ethanol	> 32 380 ppm (61 mg/L) (vapour)	7060 mg/kg	> 15 800 mg/kg
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	N/Av	N/Av	1420 mg/kg

Other important toxicological hazards

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: The product is not classified as environmentally hazardous. Avoid release to the environment.

Ecotoxicity data:

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Fish</u>		
		<u>LC50 / 96h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Ethanol	64-17-5	> 100 mg/L (Fathead minnow)	N/Av	None.



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<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Ethanol	64-17-5	5012 mg/L (Daphnia magna)	N/Av	None.

<u>Ingredients</u>	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Ethanol	64-17-5	1000 mg/L/96hr (Green algae)	N/Av	None.

Persistence and degradability

: Not available.

Bioaccumulation potential

: Not available.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Ethanol (CAS 64-17-5)	- 0.31	N/Av
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides (CAS 63449-41-2)	N/Av	N/Av

Mobility in soil

: Not available.

Other Adverse Environmental effects

: None known or reported by the manufacturer.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal

: Dispose of in accordance with local regulations.

Methods of Disposal

: Dispose of in accordance with local regulations.

RCRA

: Not applicable.



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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.	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.				
ICAO/IATA	UN3175	Solids containing flammable liquid, n.o.s.	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.				
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.				
TDG	UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	not regulated	II	
TDG Additional information	Special provision 56 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.				

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 Information:

Components listed below are present on the following U.S. Federal chemical lists:

Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Ethanol	64-17-5	Yes	None.	None.	No	N/Ap
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	63449-41-2	Yes	N/Ap	N/Av	No	N/Ap



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SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: None. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Ethanol	64-17-5	Yes	Cancer (in alcoholic beverages) Developmental (in alcoholic beverages)	Yes	Yes	Yes	Yes	Yes	Yes
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	63449-41-2	No	N/Ap	No	No	No	No	No	No

Canadian Information:

All components of this product are on the Canadian DSL list.
 WHMIS Classification: See Section 2.

International Information:

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Ethanol	64-17-5	200-578-6	Present	Present	(2)-202	KE-13217	Present	HSR001144
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	63449-41-2	264-151-6	Present	Present		KE-05-1137	Present	HSR003940

SECTION 16. OTHER INFORMATION

Legend

- : ACGIH: American Conference of Governmental Industrial Hygienists
- CA: California
- CAS: Chemical Abstract Services
- CEPA: Canadian Environmental Protection Act
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- CSA: Canadian Standards Association
- DOT: Department of Transportation
- DSL: Domestic Substances List
- EPA: Environmental Protection Agency
- HPA: Hazardous Products Act
- HSDB: Hazardous Substances Data Bank
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association



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ICAO: International Civil Aviation Organisation
IMDG: International Maritime Dangerous Goods
Inh: Inhalation
LC: Lethal Concentration
LD: Lethal Dose
MA: Massachusetts
MN: Minnesota
N/Ap: Not Applicable
N/Av: Not Available
NJ: New Jersey
NOEC: No observable effect concentration
NTP: National Toxicology Program
OECD: Organisation for Economic Co-operation and Development
OEL: National occupational exposure limits
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania
PEL: Permissible exposure limit
PPE: Personal Protective Equipment
RCRA: Resource Conservation and Recovery Act
RI: Rhode Island
RQ: Reportable Quantity
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TWA: Time Weighted Average
WEL: Workplace Exposure Limit
WHMIS: Workplace Hazardous Materials Identification System

- References** :
1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2018.
 2. International Agency for Research on Cancer Monographs, searched 2019.
 3. Canadian Centre for Occupational Health and Safety, CCHInfoWeb databases, 2019 (Chempendium, HSDB and RTECs).
 4. Safety Data Sheets from manufacturer.
 5. US EPA Title III List of Lists - June 2019 version.
 6. California Proposition 65 List - September 2019 version.
 7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2019.

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Other special considerations for handling

: Provide adequate information, instruction and training for operators.



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