

Issuing Date 4/24/2023

SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier	Salonpas Pain Relieving LIDOCAINE 4% FLEX Patch
Recommended use of the chemical and restrictions on use	the others
Details of the supplier of the safety data sheet	Hisamitsu Pharmaceutical Co.,Inc. 408, Tashirodaikan-machi, Tosu, Saga, Japan +81-942-81-1551
Emergency Phone Number	+81-942-83-2101

2. HAZARDS IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of 29 CFR § 1910.1200

Acute toxicity – oral Category 4
Sensitization – skin Category 1
Reproductive toxicity, effects on or via lactation Additional category (effects on or via lactation)
Specific target organ toxicity (single exposure) Category 1 (blood blood cardiovascular system nervous system central nervous system)
Specific target organ toxicity (repeated exposure) Category 1 (blood respiratory apparatus cardiovascular system nervous system central nervous system)

GHS Label Elements

Symbols



Signal Word

Danger

Hazard Statements

H302 Harmful if swallowed
H317 May cause an allergic skin reaction
H362 May cause harm to breast-fed children
H370 Causes damage to organs(blood,blood,cardiovascular system,nervous system,central nervous system)
H372 Causes damage to organs(blood,respiratory apparatus,cardiovascular system,nervous system,central nervous system) through prolonged or repeated exposure

Precautionary Statements

Prevention

Obtain special instructions before use.(P201)
Do not breathe dust.(P260)

	Avoid breathing dust.(P261)
	Avoid contact during pregnancy/while nursing(P263)
	Wash thoroughly after handling.(P264)
	Do not eat, drink or smoke when using this product(P270)
	Contaminated work clothing should not be allowed out of the workplace.(P272)
	Wear protective gloves.(P280)
Response	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell(P301+P312)
	IF ON SKIN: Wash with plenty of soap and water(P302+P352)
	IF exposed: Call a doctor.(P307+P311)
	IF exposed or concerned: Get medical advice/attention(P308+P313)
	Get medical advice/attention if you feel unwell(P314)
	Specific treatment.(P321)
	Rinse mouth(P330)
	If skin irritation or rash occurs: Get medical advice/attention(P333+P313)
	Wash contaminated clothing before reuse(P363)
Storage	Store locked up(P405)
Disposal	Dispose of waste in accordance with local, state and federal regulations.(P501)
Statement(s) of Unknown Acute Toxicity	(oral) 92.00% of the mixture consists of ingredient(s) of unknown acute toxicity.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	Contents	CAS number
Lidocaine	4%	137-58-6
Mineral oil	Trade secret	8042-47-5
Styrene-isoprene-styrene block copolymer	Trade secret	25038-32-8
Terpene resin	Trade secret	31393-98-3
Polyisobutylene	Trade secret	9003-27-4
Propylene glycol	Trade secret	57-55-6
Synthetic aluminum silicate	Trade secret	1335-30-4

4. FIRST-AID MEASURES

In case of inhalation	Call a doctor if you feel unwell. IF exposed or concerned: Get medical advice and attention.
In case of skin contact	IF ON SKIN: Wash with plenty of soap and water. Take of contaminated clothing and wash before re-use. If skin irritation or rash occurs, get medical advice and attention.

	IF exposed or concerned: Get medical advice and attention. Specific treatment.
In case of eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice and attention.
In case of ingestion	IF SWALLOWED: Immediately call a doctor. Rinse mouth. IF exposed or concerned: Get medical advice and attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use extinguishing agent suitable for type of surrounding fire. When dust occurs, use dry sand.
Specific hazards arising from the chemical	Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases.
Special protective equipment and precautions for fire-fighters	Use goggles in combination with dust mask, and another protections as appropriate to situation.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use goggles in combination with dust mask, and another protections as appropriate to situation. Large spills :Evacuate area. Ensure adequate ventilation.
Environmental precautions	Do not discharge into the drains, surface waters or ground water directly.
Methods and materials for containment and cleaning up	Sweep or vacuum spills to drums or containers.

7. HANDLING AND STORAGE

Precautions for safe handling	
Technical measures	Use local exhaust ventilation in case of production of fume or mist. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Safe handling advice	Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear protective gloves. Avoid contact during pregnancy/while nursing. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapours/spray. Obtain special instructions before use
Conditions for safe storage, including any incompatibilities	

Suitable storage conditions

Store locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate engineering controls

Use local exhaust ventilation in case of production of fume or mist.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Individual protection measures

Respiratory protection

If necessary, wear respiratory protection.

Hand protection

Wear protective gloves.

Eye protection

If necessary, wear protective eye protection.

Skin and body protection

If necessary, wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State

Solid

Color

Light brown

Odor

No data available

Odor threshold

No data available

pH

No data available

Melting point

No data available

Boiling point

No data available

Flash point

No data available

Evaporation rate

No data available

Flammability(Solid,Gas)

Combustible

Flammability or explosive limits

No data available

Vapor pressure

No data available

Vapor density

No data available

Specific Gravity (Density)

No data available

Solubility

Non-water-soluble

Partition coefficient: n-octanol/water

No data available

Auto-ignition temperature

No data available

Decomposition temperature

No data available

Viscosity

No data available

10. STABILITY AND REACTIVITY

Reactivity

No information available

Chemical stability

No information available

Possibility of hazardous reactions

No information available

Conditions to avoid

No information available

Incompatible materials

No information available

Hazardous decomposition products

No information available

11. TOXICOLOGICAL INFORMATION

Acute toxicity (Oral)

Category 4:137-58-6 (toxicity value = 317mg/kg, source: NITE)
Not classified:57-55-6 (source: NITE)
No data:9003-27-4, 31393-98-3, 25038-32-8, 8042-47-5, 1335-30-4

Calculation result = 634mg/kg. Classification result = Category 4.

Acute toxicity (Dermal)

Not classified:57-55-6 (source: NITE)
Classification not possible:137-58-6 (source: NITE)
No data:9003-27-4, 31393-98-3, 25038-32-8, 8042-47-5, 1335-30-4

Contains substance of unknown toxicity. Changed from Not classified to Classification not possible.

Acute toxicity (Inhalation : Gases)

Does not fall under gas based on GHS definitions.

Acute toxicity (Inhalation : Vapours)

Unable to classify due to insufficient data.

Acute toxicity (Inhalation : dust/mist)

Unable to classify due to insufficient data.

Skin corrosion/ Irritation

Not classified:57-55-6 (source: NITE)
Classification not possible:137-58-6 (source: NITE)
No data:9003-27-4, 31393-98-3, 25038-32-8, 8042-47-5, 1335-30-4

Contains substance of unknown toxicity. Changed from Not classified to Classification not possible.

Serious eye damage/ irritation

Not classified:57-55-6 (source: NITE)
Classification not possible:137-58-6 (source: NITE)
No data:9003-27-4, 31393-98-3, 25038-32-8, 8042-47-5, 1335-30-4

Contains substance of unknown toxicity. Changed from Not classified to Classification not possible.

Respiratory Sensitization

Unable to classify due to insufficient data.

Skin Sensitization

Category 1:137-58-6 (source: NITE)
Not classified:57-55-6 (source: NITE)
No data:9003-27-4, 31393-98-3, 25038-32-8, 8042-47-5, 1335-30-4

137-58-6 >= 0.1% Classification result = Category 1

Germ cell mutagenicity	Unable to classify due to insufficient data.
Carcinogenicity	Unable to classify due to insufficient data.
Reproductive toxicity	Unable to classify due to insufficient data.
Reproductive toxicity, effects on or via lactation	Additional category (effects on or via lactation):137-58-6 (source: NITE) No data:57-55-6 (source: NITE), 9003-27-4, 31393-98-3, 25038-32-8, 8042-47-5, 1335-30-4 137-58-6 >= 0.1% Classification result = Additional category (effects on or via lactation)
Specific target organ toxicity – Single exposure	Category 1:57-55-6 (organ = blood, central nervous system, source: NITE), 137-58-6 (organ = blood, cardiovascular system, nervous system, source: NITE) Category 3:57-55-6 (organ = narcotic effect, source: NITE) No data:9003-27-4, 31393-98-3, 25038-32-8, 8042-47-5, 1335-30-4 137-58-6 >= 1% Classification result = Category 1(blood, cardiovascular system, nervous system) 57-55-6 >= 1% Classification result = Category 1(blood, central nervous system)
Specific target organ toxicity – Repeated exposure	Category 1:57-55-6 (organ = respiratory apparatus, central nervous system, source: NITE), 137-58-6 (organ = blood, cardiovascular system, nervous system, source: NITE) No data:9003-27-4, 31393-98-3, 25038-32-8, 8042-47-5, 1335-30-4 137-58-6 >= 1% Classification result = Category 1(blood, cardiovascular system, nervous system) 57-55-6 >= 1% Classification result = Category 1(respiratory apparatus, central nervous system)
Aspiration hazard	Unable to classify due to insufficient data.

12. ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment – Acute Toxicity	Not classified:57-55-6 (source: NITE) Classification not possible:137-58-6 (source: NITE) No data:9003-27-4, 31393-98-3, 25038-32-8, 8042-47-5, 1335-30-4 Contains substance of unknown toxicity. Changed from Not classified to Classification not possible.
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Hazardous to the Aquatic Environment –
Chronic Toxicity

Not classified:57–55–6 (source: NITE)
Classification not possible:137–58–6 (source: NITE)
No data:9003–27–4, 31393–98–3, 25038–32–8, 8042–47–5,
1335–30–4

Contains substance of unknown toxicity. Changed from Not
classified to Classification not possible.

Hazardous to the Ozone layer

Unable to classify due to insufficient data.

13. DISPOSAL CONSIDERATIONS

Residual Waste

Before disposal, make the wastes harmless, stabilized, and
neutralized, and minimize danger and toxicity of the
wastes.

Dispose of waste in accordance with local, state and federal
regulations.

Contaminated Container and Packaging

Passed to a licensed waste contractor.

In case of disposal of empty containers, remove the
content thoroughly.

14. TRANSPORT INFORMATION

IMDG

Not dangerous goods

IATA

Not dangerous goods

DOT

Not dangerous goods

15. REGULATORY INFORMATION

U.S. – RTK (Right To Know) List

New Jersey – RTK (Right to Know) – Hazardous Substance
List

Pennsylvania – RTK (Right to Know) List

Inventory

TSCA – United States

DSL/NDSL – Canada

16. OTHER INFORMATION

Literature References

NITE GHS

EU CLP Regulation, AnnexVI

Other data

The information suggested in this Safety Data Sheet does
not comprehend everything and should be adopted only as
a guide.

The accuracy of the information and recommendations
suggested herein are credible. However the company
makes no warranty regarding such information and
recommendations and disclaims all liability for reliance
thereon.

National Fire Protection Association(U.S.A)

Health

2

Flammability

Not applicable

Reactivity

0

Specific hazard	Not applicable
HMIS(U.S.A)	
Health Hazard	*4
Reactivity	0
Personal Protection	The customer is responsible for determining the PPE code for this material