

Reviewed on 1/14/15

SAFETY DATA SHEET

SECTION 1. Product and Company Identification

PRODUCT NAME: Medicaine Sting and Bite Relief

PRODUCT USE: OTC drug used as a topical analgesic

Product Code: 1407

Manufacturer's Name: Dynarex Corporation

Manufacturer's Address: 10 Glenshaw Street
Orangeburg, NY 10962

Emergency or Information 888-DYNAREX or 845-365-8200

Phone No.: At other times, contact the local Poison Control Center

SECTION 2. Hazards Identification





Corporate Headquarters

10 Glenshaw Street, Orangeburg, NY 10962

Tel: 845.365.8200 • Fax: 845.365.8201

Toll-Free: 888.DYNAREX

2.1. Classification of the substance or mixture

GHS-US classification

Flam. Liq. 2 H225 Eye Irrit. 2A H319 STOT SE 3 H335 STOT SE 3 H336

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US)



: Danger



Signal word (GHS-US)

Hazard statements (GHS-US)

: H225 - Highly flammable liquid and vapour H319 - Causes serious eye irritation H335 - May cause respiratory irritation H336 - May cause drowsiness or dizziness

Precautionary statements (GHS-US)

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking

P233 - Keep container tightly closed P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical, lighting, ventilating equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge P261 - Avoid breathing dust, fume, mist, spray, vapours P264 - Wash hands thoroughly after handling P271 - Use only outdoors or in a well-ventilated area

P280 - Wear eye protection, protective clothing, protective gloves

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER/doctor/physician if you feel unwell

P337+P313 - If eye irritation persists: get medical advice/attention

P370+P378 - In case of fire: Use dry chemical, foam, carbon dioxide for extinction

P403+P233 - Store in a well-ventilated place. Keep container tightly closed

P403+P235 - Store in a well-ventilated place. Keep cool

P405 - Store locked up

P501 - Dispose of contents/container to comply with applicable local, national and international

Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3. Composition/information on Ingredients



Page 2 of 14



Toll-Free: 888.DYNAREX

lot applicable full text of H-phrases: see section 16			
.2. Mixture			
Name	Product identifier	%	GHS-US classification
Polyethylene glycol	(CAS No) 25322-68-3	50 - 55	STOT SE 3, H335
Isopropyl alcohol	(CAS No) 67-63-0	20 - 25	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
L-Menthol	(CAS No) 2216-51-5	1	Skin Irrit. 2, H315 Eye Irrit. 2A, H319

SECTION 4. First-aid measures

give artificial respiration. In case of breathing difficulties administer oxygen. By trained persor Seek medical attention immediately. Immediately flush skin with plenty of water for at least 15 minutes. Remove/Take off immedia all contaminated clothing. Do not rub the skin and eyes after direct contact with the pror Seek medical attention immediately. Wash contaminated clothing before reuse. In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 min holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present easy to do. Continue rinsing. Immediately get medical attention. First-aid measures after ingestion Contact a Poison Control Center immediately. Give no more than 2 glasses of water and independent of the control of the present easy to do. Continue rinsing. Immediately. Give no more than 2 glasses of water and 15cc (1 tablespoons) syrup of ipecac. If victim is a child, give no more 1 glass of water and 15cc (1 tablespoons) syrup of ipecac. If syrup of ipecac is unavailable, gig glasses of water and 15cc (1 tablespoon) syrup of ipecac. If syrup of ipecac is unavailable, gig glasses of water and induce vomiting by touching finger to back of victim's throat. Do not anything by mouth to an unconscious or convulsing person. Get immediate medical attention to anything by mouth to an unconscious or convulsing person. Get immediate medical attention was proposed to anything the proposed proposed system of decorphysician. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/injuries after inhalation Symptoms/injuries after skin contact Symptoms/injuries after skin contact Causes respiratory irritation. May cause drowsiness or dizziness. Depression of the centra nervous system, headaches, dizziness, drowsiness, loss of coordination. Irritating to the gastrointestinal tract. May cause abdominal pain and vomiting (sometic bloody). Ingestion may cause central nervous system depression, low blood pressure, reperitation death ma		Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
all contaminated clothing. Do not rub the skin and eyes after direct contact with the profesek medical attention immediately. Wash contaminated clothing before reuse. In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 min holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present easy to do. Continue rinsing. Immediately get medical attention. First-aid measures after ingestion Contact a Poison Control Center immediately. Give no more than 2 glasses of water and incomiting by giving 30 cc (2 tablespoons) of syrup of ipecac. If victim is a child, give no more 1 glass of water and 15cc (1 tablespoon) syrup of ipecac. If syrup of ipecac is unavailable, giglasses of water and induce vomiting by touching finger to back of victim's throat. Do not anything by mouth to an unconscious or convulsing person. Get immediate medical atten Immediately call a POISON CENTER or doctor/physician. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/injuries after inhalation May cause respiratory irritation. May cause drowsiness or dizziness. Depression of the centra nervous system, headaches, dizziness, drowsiness, loss of coordination. Symptoms/injuries after eye contact Symptoms/injuries after eye contact Causes serious eye irritation. Irritating to the gastrointestinal tract. May cause abdominal pain and vomiting (sometion). Irritating to the gastrointestinal tract. May cause abdominal pain and vomiting (sometion). Irritating to the gastrointestinal tract may cause central nervous system depression may evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconscious respiratory depression and death may occur. Liver damage may be evidenced by los appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the		Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing stops, give artificial respiration. In case of breathing difficulties administer oxygen. by trained personnel. Seek medical attention immediately.
holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present easy to do. Continue rinsing. Immediately get medical attention. Contact a Poison Control Center immediately. Give no more than 2 glasses of water and induce vomiting by giving 30 cc (2 tablespoons) of syrup of ipecac. If victim is a child, give no more 1 glass of water and 15cc (1 tablespoon) syrup of ipecac. If syrup of ipecac is unavailable, gi glasses of water and induce vomiting by touching finger to back of victim's throat. Do not anything by mouth to an unconscious or convulsing person. Get immediate medical atten Immediately call a POISON CENTER or doctor/physician. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/injuries after inhalation May cause respiratory irritation. May cause drowsiness or dizziness. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. Symptoms/injuries after skin contact Symptoms/injuries after eye contact Causes serious eye irritation. Symptoms/injuries after ingestion Irritating to the gastrointestinal tract. May cause abdominal pain and vomiting (sometibloody). Ingestion may cause central nervous system depression, low blood pressure, rheart beat and liver damageEarly to moderate central nervous system depression may evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconscious respiratory depression and death may occur. Liver damage may be evidenced by los appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the		Immediately flush skin with plenty of water for at least 15 minutes. Remove/Take off immediately all contaminated clothing. Do not rub the skin and eyes after direct contact with the product. Seek medical attention immediately. Wash contaminated clothing before reuse.
vomiting by giving 30 cc (2 tablespoons) of syrup of ipecac. If victim is a child, give no more 1 glass of water and 15cc (1 tablespoon) syrup of ipecac. If syrup of ipecac is unavailable, gi glasses of water and induce vomiting by touching finger to back of victim's throat. Do not anything by mouth to an unconscious or convulsing person. Get immediate medical atten Immediately call a POISON CENTER or doctor/physician. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/injuries after inhalation May cause respiratory irritation. May cause drowsiness or dizziness. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. Symptoms/injuries after eye contact Symptoms/injuries after ingestion Irritating to the gastrointestinal tract. May cause abdominal pain and vomiting (sometic bloody). Ingestion may cause central nervous system depression, low blood pressure, in heart beat and liver damageEarly to moderate central nervous system depression may evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconscious respiratory depression and death may occur. Liver damage may be evidenced by los appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the		In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately get medical attention.
Symptoms/injuries after inhalation Symptoms/injuries after skin contact Symptoms/injuries after eye contact Symptoms/injuries after ingestion Irritation. May cause drowsiness or dizziness. Depression of the central nervous system depression, on the control mervous system depression in and vomiting (someti bloody). Ingestion may cause central nervous system depression may evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconscious respiratory depression and death may occur. Liver damage may be evidenced by los appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the		Contact a Poison Control Center immediately. Give no more than 2 glasses of water and induce vomiting by giving 30 cc (2 tablespoons) of syrup of ipecac. If victim is a child, give no more than 1 glass of water and 15cc (1 tablespoon) syrup of ipecac. If syrup of ipecac is unavailable, give 2 glasses of water and induce vomiting by touching finger to back of victim's throat. Do not give anything by mouth to an unconscious or convulsing person. Get immediate medical attention. Immediately call a POISON CENTER or doctor/physician.
nervous system, headaches, dizziness, drowsiness, loss of coordination. Symptoms/injuries after skin contact Symptoms/injuries after eye contact Symptoms/injuries after ingestion Symptoms/injuries after ingestion Symptoms/injuries after ingestion Symptoms/injuries after ingestion Irritating to the gastrointestinal tract. May cause abdominal pain and vomiting (sometibloody). Ingestion may cause central nervous system depression, low blood pressure, in heart beat and liver damageEarly to moderate central nervous system depression may evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconscious respiratory depression and death may occur. Liver damage may be evidenced by los appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the	4.2. Most important symptoms and effects,	both acute and delayed
Symptoms/injuries after eye contact Symptoms/injuries after ingestion Irritating to the gastrointestinal tract. May cause abdominal pain and vomiting (someting bloody). Ingestion may cause central nervous system depression, low blood pressure, in heart beat and liver damageEarly to moderate central nervous system depression may evidenced by giddiness, headache, dizziness and nausea. In extreme cause, unconsciouser respiratory depression and death may occur. Liver damage may be evidenced by los appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the		
Symptoms/injuries after ingestion Irritating to the gastrointestinal tract. May cause abdominal pain and vomiting (someting bloody). Ingestion may cause central nervous system depression, low blood pressure, in heart beat and liver damageEarly to moderate central nervous system depression may evidenced by giddiness, headache, dizziness and nausea. In extreme cause, unconscious respiratory depression and death may occur. Liver damage may be evidenced by los appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the	Symptoms/injuries after skin contact	Repeated or prolonged skin contact may cause irritation.
bloody). Ingestion may cause central nervous system depression, low blood pressure, in heart beat and liver damageEarly to moderate central nervous system depression may evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconscious respiratory depression and death may occur. Liver damage may be evidenced by los appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the	Symptoms/injuries after eye contact :	Causes serious eye irritation.
	cal control entered all years required before an active all came required	Irritating to the gastrointestinal tract. May cause abdominal pain and vomiting (sometimes bloody). Ingestion may cause central nervous system depression, low blood pressure, rapid heart beat and liver damageEarly to moderate central nervous system depression may be evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconsciousness, respiratory depression and death may occur. Liver damage may be evidenced by loss of appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the right side.
4.3. Indication of any immediate medical attention and special treatment needed		

SECTION 5. Fire-fighting measures





Corporate Headquarters 10 Glenshaw Street, Orangeburg, NY 10962

Tel: 845.365.8200 • Fax: 845.365.8201

Toll-Free: 888.DYNAREX

5.1. Extinguishing media	
Suitable extinguishing media	: Alcohol resistant foam. Dry powder. Carbon dioxide. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from t	the substance or mixture
Fire hazard	: Highly flammable liquid and vapour.
Explosion hazard	: May form flammable/explosive vapour-air mixture.
Reactivity	 Thermal decomposition generates : Corrosive vapours. Reacts violently with acids. An exothermic reaction may occur.
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protective equipment for firefighters	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Containers may swell and Burst during a fire due to internal pressure caused by heat. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours. Alcohols burn with a pale blue flame which may be extremely hard to see
	under normal lighting conditions. Personnel may be able to feel the heat of the fire without seeing flames. Extreme caution must be exercised in fighting alcohol fires.

SECTION 6. Accidental release measures

General measures	: Eliminate all ignition sources if safe to do so. Use special naked lights. No smoking. Stop leak if safe to do so personal risk or without suitable training. Wear protective section 8: Exposure-controls/personal protection.	. No action shall be taken involving any
6.1.1. For non-emergency person	nnel	
Emergency procedures	: Evacuate unnecessary personnel.	
6.1.2. For emergency responder	s for a rum gravitation about a case member years	
Protective equipment	: Equip cleanup crew with proper protection.	
Emergency procedures	: Ventilate area.	
6.2. Environmental precaution	s at a fine of the state of the	
Prevent entry to sewers and public wa	iters. Notify authorities if liquid enters sewers or public waters.	
6.3. Methods and material for	containment and cleaning up	
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatoma spillage. Store away from other materials. Contain any migration and entry into sewers or streams. Consult disposal. Ensure all national/local regulations are observed.	spills with dikes or absorbents to prevent the appropriate authorities about waste
6.4. Reference to other section	IS TO THE REPORT OF THE PROPERTY OF THE PROPER	
See Heading 8. Exposure controls an	d personal protection.	

SECTION 7. Handling and storage





Toll-Free: 888.DYNAREX

7.1. Precautions for safe handling	
Additional hazards when processed	: Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling	: Obtain special instructions before use. Do not handle until all safety precautions have been rear and understood. Personal protective equipment should be selected based upon the conditions under which this product is handled or used. Use personal protective equipment as required Provide good ventilation in process area to prevent formation of vapour. Do not breathe gas furnes, vapour or spray. No naked lights. No smoking. Use only non-sparking tools. Never use pressure to empty container. Ground/bond container and receiving equipment. Take care to allow internal pressure to escape from container before releasing closures. Remove closure carefully; internal pressure may be present. Keep closure up to prevent leakage. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and wher leaving work.
Hygiene measures .	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.
7.2. Conditions for safe storage, incl	uding any incompatibilities
Technical measures	: Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Ensure the ventilation system is regularly maintained and tested. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. A washing facility/water for eye and skin cleaning purposes should be present. Comply with applicable regulations.
Storage conditions	: Keep only in the original container in a cool well ventilated place. Keep in fireproof place. Keep container tightly closed. Protect containers against physical damage. Detached outside storage is preferable. Inside storage should be in an NFPA approved flammable liquids storage room or cabinet. Store in corrosion-proof area at temperatures below 77 °F (25°C). Store away from direct sunlight or other heat sources.
Incompatible materials	 Avoid mixing with acids, most common metals, strong oxidizing agents, brass, zinc, chlorine, aluminum, copper, bronze, mercury, dimethyl sulfate and acetyl chloride.
Storage temperature	; < 25 °C Store at temperatures below 77 °F (25 °C)
7.3. Specific end use(s)	
No additional information available	

SECTION 8. Exposure controls/personal protection





Toll-Free: 888.DYNAREX

	-0)		
USA ACGIH	ACGIH TWA (pp	m)	200 ppm
USA ACGIH	ACGIH STEL (pp	om)	400 ppm
USA OSHA	OSHA PEL (TW/	A) (mg/m³)	980 mg/m³
USA OSHA	OSHA PEL (TWA	A) (ppm)	400 ppm
8.2. Exposure contro	ols		
Appropriate engineering cor	ntrols	of any potential exposure.	tains and safety showers should be available in the immediate vicinity Provide exhaust ventilation or other engineering controls to keep the mists and/or vapors below the recommended exposure limits. Use equipment.
Personal protective equipme	ent	should be conducted by	osure. A hazard assessment of the work area for PPE requirements a qualified professional pursuant to OSHA regulations. For certain rsonal Protection Equipment (PPE) may be required. Protective e clothing.
			R
			ubber gloves. For special purposes, it is recommended to check the
Hand protection		resistance to chemicals of these gloves.	the protective gloves mentioned above together with the supplier of
Hand protection Eye protection Skin and body protection		these gloves. Chemical goggles or face	
Eye protection		these gloves. Chemical goggles or face: Wear suitable protective cl: Wear a self-contained b (PPE). Suggestions provic equipment are based on manufacturer to confirm tl require consultation with i	shield.

SECTION 9. Physical and chemical properties





Toll-Free: 888.DYNAREX

Physical state	: Liquid		
Appearance	: Clear.		
Colour	: Green.		
Odour		l, residual odor of menthol.	
Odour threshold	: No data available		
pH	: 8.5		
Relative evaporation rate (butyl acetate=1)	: No data available		
Melting point	: No data available		
Freezing point	: No data available		
Boiling point	: > 35 °C (>95 °F)		
Flash point	: 16.6 °C (62 °F)		
Auto-ignition temperature	: No data available		
Decomposition temperature	: No data available		
Flammability (solid, gas)	: No data available		
Vapour pressure	: No data available		
Relative vapour density at 20 °C	: No data available		
Relative density	: No data available		
Density	: 1.029 (Specific Gravity	@ 25 °C)	
Solubility	: Soluble in water.		
Log Pow	: No data available		
Log Kow	: No data available		
Viscosity, kinematic	: No data available		
Viscosity, dynamic	: No data available		
Explosive properties	: No data available		
Oxidising properties	: No data available		
Explosive limits	: No data available		
3.2. Other information			
No additional information available			

SECTION 10. Stability and reactivity





Toll-Free: 888.DYNAREX

10.1. Reactivity
Thermal decomposition generates: Corrosive vapours. Reacts violently with acids. An exothermic reaction may occur.

10.2. Chemical stability
Not established.

10.3. Possibility of hazardous reactions
Not established.

10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials
Avoid mixing with acids, most common metals, strong oxidizing agents, brass, zinc, chlorine, aluminum, copper, bronze, mercury, dimethyl sulfate and acetyl chloride.

10.6. Hazardous decomposition products

Thermal decomposition generates: Fume. Carbon monoxide. Carbon dioxide. May release flammable gases. Corrosive vapours. Ammonia. Nitrogen oxides, release of highly flammable gases/vapours hydrogen.

SECTION 11. Toxicological information

and the state	: Not classified	
cute toxicity	(Based on available data, the classification criteria are not met)	
Isopropyl alcohol (67-63-0)	State of the land state of the Print of the Control of the State of th	
LD50 oral rat	4396 mg/kg	
LD50 dermal rabbit	12800 mg/kg	
LC50 inhalation rat (ppm)	16000 ppm (Exposure time: 8 h)	sona pue dong commo
ATE CLP (oral)	4396.000 mg/kg bodyweight	Middle get not the sky
ATE CLP (dermal)	12800.000 mg/kg bodyweight	





Toll-Free: 888.DYNAREX

L-Menthol (2216-51-5)	
LD50 oral rat	3300 mg/kg
ATE CLP (oral)	3300.000 mg/kg bodyweight
Polyethylene glycol (25322-68-3)	
LD50 dermal rabbit	> 20 ml/kg
Skin corrosion/irritation	: Not classified
	(Based on available data, the classification criteria are not met)
	pH: 8.5
Serious eye damage/irritation	: Causes serious eye irritation.
	pH: 8.5
Respiratory or skin sensitisation	: Not classified
	(Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified
	(Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified
,	(Based on available data, the classification criteria are not met)
	established with the classification criteria are not meta
Isopropyl alcohol (67-63-0)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
	(Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure)	: May cause respiratory irritation. May cause drowsiness or dizziness.
Specific target organ toxicity (repeated	: Not classified
exposure)	(Based on available data, the classification criteria are not met)
Aspiration hazard	
Aspiration nazard	: Not classified
Octopial Advance houses health offer to a d	(Based on available data, the classification criteria are not met)
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: May cause respiratory irritation. May cause drowsiness or dizziness. Depression of the centra nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/injuries after skin contact	: Repeated or prolonged skin contact may cause irritation.
Symptoms/injuries after eye contact	: Causes serious eye irritation.
Symptoms/injuries after ingestion	: Irritating to the gastrointestinal tract. May cause abdominal pain and vomiting (sometime bloody). Ingestion may cause central nervous system depression, low blood pressure, rapineart beat and liver damageEarly to moderate central nervous system depression may be evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconsciousness respiratory depression and death may occur. Liver damage may be evidenced by loss of appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the right

SECTION 12. Ecological information





Toll-Free: 888.DYNAREX

Isopropyl alcohol (67-63-0)	
LC50 fishes 1	9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
L-Menthol (2216-51-5)	
LC50 fishes 1	18.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
12.2. Persistence and degradabilit	y in a surface and a surface a
Medicaine® Sting and Bite Relief	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
Medicaine® Sting and Bite Relief	
Bioaccumulative potential	Not established.
Isopropyl alcohol (67-63-0)	
Log Pow	0.05 (at 25 °C)
12.4. Mobility in soil	
No additional information available	
2.5. Other adverse effects	
Other information	: Avoid release to the environment.

SECTION 13. Disposal considerations

13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Do not re-use empty containers. Ensure all national/local regulations are observed. Consult the appropriate authorities about waste disposal.
Additional information	: Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14. Transport information





Corporate Headquarters

10 Glenshaw Street, Orangeburg, NY 10962

Tel: 845.365.8200 • Fax: 845.365.8201

Toll-Free: 888.DYNAREX

In accordance with DOT

Transport document description : UN1993 Flammable liquids, n.o.s. (contains isopropanol), 3, II

UN-No.(DOT) DOT NA no. : UN1993

DOT Proper Shipping Name : Flammable liquids, n.o.s.

(contains isopropanol)

Department of Transportation (DOT) Hazard

Hazard labels (DOT) : 3 - Flammable liquid

DOT Symbols

: G - Identifies PSN requiring a technical name

Packing group (DOT) : II - Medium Danger

DOT Special Provisions (49 CFR 172.102)

IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.

T7 - 4 178.274(d)(2) Normal.... 178.275(d)(3)

: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / (1 + a (tr - tf)) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F).

TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the

DOT Packaging Exceptions (49 CFR 173.xxx) : 150 DOT Packaging Non Bulk (49 CFR 173.xxx) : 202 DOT Packaging Bulk (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail : 5 L

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 60 L

CFR 175.75)

DOT Vessel Stowage Location B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this

section is exceeded.

Additional information

Other information : No supplementary information available.

ADR

Transport document description

Transport by sea

No additional information available

Air transport

No additional information available





Toll-Free: 888.DYNAREX

SECTION 15. Regulatory information

Isopropyl alcohol (67-63-0)	
Listed on the United States TSCA (Toxic Sub- Listed on SARA Section 313 (Specific toxic ch	
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
SARA Section 313 - Emission Reporting	1.0 % (only if manufactured by the strong acid process, no supplier notification)
L-Menthol (2216-51-5)	
Listed on the United States TSCA (Toxic Sub-	stances Control Act) inventory
Polyethylene glycol (25322-68-3)	
Listed on the United States TSCA (Toxic Sub-	otonece Control Act inventory
Listed off the Officed States 13CA (10xic 3ub	stances Control Act) inventory
	Stances Control Acty Inventory
5.2. International regulations	stances Control Acty inventory
5.2. International regulations	stances Control Acty inventory
5.2. International regulations ANADA Isopropyl alcohol (67-63-0)	
5.2. International regulations CANADA Isopropyl alcohol (67-63-0) Listed on the Canadian DSL (Domestic Susta	
5.2. International regulations ANADA Isopropyl alcohol (67-63-0) Listed on the Canadian DSL (Domestic Susta WHMIS Classification	inces List) inventory. Class B Division 2 - Flammable Liquid
5.2. International regulations CANADA Isopropyl alcohol (67-63-0) Listed on the Canadian DSL (Domestic Susta	Inces List) inventory. Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects
5.2. International regulations CANADA Isopropyl alcohol (67-63-0) Listed on the Canadian DSL (Domestic Susta WHMIS Classification L-Menthol (2216-51-5)	Inces List) inventory. Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects





Corporate Headquarters

10 Glenshaw Street, Orangeburg, NY 10962

Tel: 845.365.8200 • Fax: 845.365.8201

Toll-Free: 888.DYNAREX

EU-Regulations

Isopropyl alcohol (67-63-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

Polyethylene glycol (25322-68-3)

Listed on the EU - No-Longer Polymers List (67/548/EEC)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

15.2.2. National regulations

Isopropyl alcohol (67-63-0)

Listed on the AICS (the Australian Inventory of Chemical Substances)

Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.

Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.

Listed on New Zealand - Inventory of Chemicals (NZIoC)

Listed on Inventory of Chemicals and Chemical Substances (PICCS)

Listed on the Canadian Ingredient Disclosure List

L-Menthol (2216-51-5)

Listed on the AICS (the Australian Inventory of Chemical Substances) Listed on Inventory of Existing Chemical Substances (IECSC)

Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.

Listed on Industrial Safety and Health Law Substances (ISHL)

Listed on the Korean ECL (Existing Chemical List) inventory.

Listed on New Zealand - Inventory of Chemicals (NZIoC) Listed on Inventory of Chemicals and Chemical Substances (PICCS)

Polyethylene glycol (25322-68-3)

Listed on the AICS (the Australian Inventory of Chemical Substances)

Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.

Listed on the Korean ECL (Existing Chemical List) inventory.

Listed on New Zealand - Inventory of Chemicals (NZIoC) Listed on Inventory of Chemicals and Chemical Substances (PICCS)

15.3. US State regulations

No additional information available

SECTION 16. Other information

Disclaimer:





Toll-Free: 888.DYNAREX

This Safety Data Sheet, which takes into consideration the requirements of Directive 76/768/EC and subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use.

