



Safety Data Sheet

ActivICE Topical Pain Reliever Spray

Section 1. Identification

Product Identifier	ActivICE Topical Pain Reliever Spray		
Synonyms	MDSAICESPRY; MSD_SDS0427		
Manufacturer Stock Numbers	MDSAICESPRY		
Recommended use	Topical Analgesic, FDA Counter-irritant OTC		
Uses advised against	N.D.		
Manufacturer Contact Address	Medline 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website		
	www.Medline.com		

Section 2. Hazards Identification

Classification	FLAMMABLE LIQUIDS - Category 2 SERIOUS EYE DAMAGE /EYE IRRITATION - Category 2B SKIN CORROSION/IRRITATION - Category 2
Signal Word	Danger

Pictogram



Hazard Statements

Causes serious eye irritation
Causes skin irritation
Harmful if swallowed
Highly flammable liquid and vapor
May cause drowsiness or dizziness

Precautionary Statements

Response

Call a Poison Center or doctor/physician if you feel unwell.
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If skin irritation occurs get medical advice/attention.
In case of fire: Use appropriate media.

Prevention

Avoid breathing vapors and or spray.
Keep away from heat, sparks, open flames and/or hot surfaces.
Keep container tightly closed.
Wash thoroughly after handling.

Storage

Keep cool.

Disposal

N/A

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

N.A.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
89-78-1	L-menthol	8 %
64-17-5	SD-alcohol 39C	54 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Inhalation:

Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin:

In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.

Eye: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion: DO NOT induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention.

Most important symptoms and effects, both acute and delayed: Refer to section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed: Notes to Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media Carbon dioxide, dry chemical and water spray

Unsuitable Extinguishing Media Avoid the use of streaming water

Special Hazards Arising From Mixture: Unusual fire and explosion hazard:
 Flammable: Will ignite by sparks, heat or flames.
 Vapors may form explosive mixture with air.
 Vapors may travel to source of ignition.

Advice to Firefighters:
 Firefighters should wear self-contained breathing apparatus. Wear protective clothing that is specifically recommended by manufacturer for firefighters.
 Use water spray to cool containers exposed to fire.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Personal Precautions:
 Wear appropriate protective equipment including respiratory protection as conditions warrant.
 Do not touch or walk through spilled material
 Do not touch damaged containers or spilled material

Emergency Procedures:
 As immediate precautionary measures, isolate spill or leak area (150 feet radius)
 Eliminate all ignition sources in spill or leak area
 Keep unauthorized personnel away
 Stay upwind and ventilate closed spaces before entering
 Avoid run off to waterways and sewers

Methods and Material for Containment and Cleaning up Containment/Clean-up Measures:
 Stop leak if it can be done without risk. All equipment used when handling the product must be grounded. Absorb or cover with dry earth, sand or other non-combustible material and transfer to suitable containers. Use clean non-sparking tools to collect absorbed material. For large spills consider a dike far ahead of liquid spill

Section 7. Handling and Storage

Precautions for Safe Handling:

Handling:
 Keep away from heat and ignition sources
 Empty containers contain residue and maybe dangerous
 Use with adequate ventilation

Conditions for Safe Storage:

Storage:
 Store in cool/low temperature, well ventilated area
 Keep container closed when not in use
 Keep away from heat, ignition sources, oxidizers and acids

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	L-menthol	N/A	N/A	N/A
	SD-alcohol 39C	STEL: 1,000 ppm Note: Upper respiratory track irritation. Confirmed animal carcinogen with unknown relevance to humans.	TWA: 1,000 ppm 1,900mg/mm ³ 29 CFR 1910.1000 Table Z-1 Limits	N/A

Personal Protective Equipment

Goggles, Gloves, Respirator

Engineering Measures/Controls:

Adequate ventilation as needed to control exposure.

Personal Protective Equipment:

Respiratory:
 In case of insufficient ventilation wear suitable respiratory equipment. Follow OSHA 29CFR 1919.134

Eye/Face:
 Wear safety goggles.

Hands:
 Wear protective gloves (neoprene, butyl or nitrile rubber).

Skin/Body:
 Where extensive dermal exposure is expected wear a chemical suit or chemical apron.

General Industrial Hygiene Considerations:

Handle in accordance with good industrial hygiene practice. Wash thoroughly with soap and water after handling and before eating or drinking. Safety shower and eye wash should be available close to work areas.

Environmental Exposure Controls:

Follow best practice for site management and disposal of waste. Avoid release to the environment.

Section 9. Physical and Chemical Properties

Physical State	N.D.
Color	Clear, colorless
Odor	Alcohol/Mint-like
Odor Threshold	N.D.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	26.5 °C
FP Method	Pensky-Martens Closed Cup Tester
pH	N.A.
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	Flammable
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.D.

Section 10. Stability and Reactivity

Reactivity:	No dangerous reaction known with normal use.
Chemical Stability:	Stable under normal temperatures and pressures.
Possibility of Hazardous Reactions:	Hazardous reactions may occur with oxidizing agents.
Conditions to Avoid:	High temperatures, sparks, open flames and electrical circuits.
Hazardous Decomposition Products:	In case of fire carbon dioxide, hydrocarbons, fumes, soot and smoke may be produced.

Section 11. Toxicological Information

Toxicity:	SD Alcohol (39C) CAS No. 64-17-5
Acute Toxicity:	LD50(H) Oral Rat 15010 mg/kg LDLo Oral Rat 7000 mg/kg

	Irritation: Eye-rbt 100mg MOD-SEV, skin-human 500mg (MLD)
	Reproductive: Teratogenic rats, mice.
	Carcinogenic: Classified 1 (Proven for humans.) by IARC.
Acute Toxicity:	Classification criteria not met.
Aspiration Hazard:	No data available.
Carcinogenicity:	Oral consumption of ethanol – IARC classification as carcinogenic to humans based on sufficient evidence in humans.
Germ cell Mutagenicity:	No data available.
Respiratory sensitization:	No data available.
Serious eye damage/irritation:	Classification criteria not met.
Skin corrosion/irritation:	Skin irritation 2.
Skin sensitization:	Classification not met.
Specific Target Organ Toxicity - Repeated exposure:	No data available.
Specific Target Organ Toxicity - Single exposure:	No data available.
Toxicity for reproduction:	Classification criteria not met.
Signs and symptoms of exposure:	Central nervous system depression, gastrointestinal disturbance including nausea, as well as headache may occur

Section 12. Ecological Information

Toxicity:	No data available.
Persistence and degradability:	No data available.
Bioaccumulation:	No data available.
Mobility in soil:	No data available.
PBT and vPvB:	No data available.

Section 13. Disposal

Product:	Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging:	Dispose of as unused product.

Section 14. Transport Information

UN Number	1170
UN Proper Shipping Name	Ethanol solutions

DOT Classification 3
Packing Group III
IMDG - UN Number 1170
IMDG - UN Proper Shipping Name Ethanol Solution
IMDG - Hazard Class: 3
IMDG - Packing Group: III
IATA - UN Number: 1170
IATA - UN Proper Shipping Name: Ethanol Solution
IATA - Hazard Class: 3
IATA - Packing Group: III

Section 15. Regulatory Information

SARA 311/312: Refer to Section 2 of the SDS.
SARA 302: N.A.
SARA 304: N.A.
SARA 313: N.A.
TSCA: All components are listed or exempt.
CERCLA Hazardous Substance List: N.A.
Clean Air Act (CAA) Section 112, 112 (r): N.A.
State Regulations: New Jersey Dept. Of Health RTK:
Ethyl Alcohol

Pennsylvania RTK:
Ethanol

Rhode Island RTK:
Ethyl Alcohol

Massachusetts RTK:
Ethanol

Section 16. Other Information

Revision Date 6/30/2022

Legend N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

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