

#65932

MSDS Number: 90154
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Revised 20 May 1992

Printed 10 Nov 1992

FOOT SPRAY WITH POWDER - AEROSOL

MATERIAL IDENTIFICATION

Distributor	Mueller Sports Medicine, Inc. P.O. Box 99, 1 Quench Drive Prairie Du Sac, WI. 53578
Phone Number:	608-643-8530
Chemical Trade Name, synonyms:	NA
Chemical Family:	Mixture
Chemical Formula:	Proprietary Formula

COMPONENTS

Material	CAS Number	PEL/TLV, Source	Percent
Propane	74-98-6	1000 ppm, OSHA	35-40
Butane	106-97-8	800 ppm, ACGIH	20-25
Ethyl Alcohol	64-17-5	1000 ppm, OSHA	10-15
1,1,1-Trichloroethane	71-55-6	350 ppm, OSHA	15-20
Talc	14807-96-6	20 mppcf, OSHA	<10

*NOTE: This chemical is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

PHYSICAL DATA

Boiling Range	-44 to over 165°F
Pressure in can at 70°F	Approx. 60 psig
Vapor Density (Air = 1)	Greater than 1.0
Solubility in water	Moderate
Specific Gravity (Water = 1)	Less than 1.0
Percent Volatile by weight	Approx. 91%
Evaporation Rate (BuAce = 1)	Greater than 1
Appearance and odor	Cloudy liquid, with alcohol odor. Alcohol evaporates leaving powder.

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HAZARDOUS REACTIVITY

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Stability	Stable
Conditions to avoid	Heat, sparks, flames, strong oxidizers
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide, and toxic gases possible if thermally decomposed.

FIRE AND EXPLOSION DATA

Flammability Category	Extremely Flammable (Reference - Consumer Product Commission, flame projection test for aerosol products, per 16 CFR 1500.45)
Flash Point	-156°F. (for aerosol propellant)
Flammable Limits	Estimated LEL% 1.9 UEL% 9.5
Extinguishing Media	Foam, Dry Chemical, Carbon Dioxide
Unusual Fire and Explosion Hazards	Avoid possible bursting of aerosol can. Do not store where temperature may exceed 120°F. Do not puncture or incinerate.
Special Fire Fighting Procedures	Avoid possible accumulations of vapors at floor level, as vapor is heavier than air. Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

HEALTH HAZARD INFORMATION

Suggested Exposure Guideline	350 ppm
Primary Route of Exposure	Inhalation, skin contact
Inhalation	Dizziness, nausea, headaches, and loss of consciousness.
Skin Contact	Irritation upon prolonged contact. Defatting of skin possible with prolonged contact.
Eye Contact	Irritation
Carcinogenicity	None of the components in this material are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen or potential carcinogen.

FIRST AID

Inhalation	Remove to fresh air. Artificial respiration, consult physician.
Skin Contact	Wash with soap and water. Remove soaked clothing to avoid prolonged skin contact.
Eye Contact	Flush eyes well with running water for 15 minutes.
Ingestion	Get immediate medical attention. Consult Poison Control Center. Treatment is dependent on condition of victim.

SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Ventilate area well. Avoid any sources of ignition for flammable liquid or vapor. Soak up on suitable absorbent material.

Waste disposal method

Conventional solvent waste receptacle. Dispose of in accordance with all local, state and federal regulations. Avoid contamination of groundwater.

SPECIAL PROTECTION INFORMATION

Respiration Protection

If TLV is exceeded wear NIOSH-approved self-contained breathing device or respirator.

Ventilation

Must be adequate to maintain vapors at less than 350 ppm, particularly at floor level as vapors are heavier than air.

Protective gloves

None needed for normal use. Neoprene, Polyvinyl Alcohol recommended if prolonged exposure expected.

Eye Protection

Safety glasses or goggles recommended

HANDLING AND STORAGE PRECAUTIONS

Precautions to be taken in handling and storage

Do not store where temperature may exceed 120°F. Store away from, fire, sparks, or flame.

D.O.T. Shipping

Classification

Consumer Commodity ORM-D

Hazard Class

ORM-D

ID Number

None

Label Required

None, carton must be marked with ORM-D

SPECIAL PRECAUTIONS

Precautions for usage

Do not use near heat, fire, flame or sparks. Avoid excessive breathing of vapor. Do not spray in direction of body. Use only in accordance with directions.

Notice: This data represents typical values, not product specifications. No guarantee of accuracy or completeness is made. No responsibility is assumed for any kind of loss or damages arising from use of this data.

End of MSDS