

CHESTERTON®

The new standard for reliability

MATERIAL SAFETY DATA SHEET

MAY 16 1994

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For Chemical Emergency
24 hours per day, 7 days per week
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Section I														
<p>Date of Prep. February 3, 1994</p> <p>MSDS No. 173A-7</p> <p>Product Name 715 Spraflex® (Aerosol)</p>	<p>HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)</p> <p>4 = Severe Hazard 3 = Serious Hazard 2 = Moderate Hazard 1 = Slight Hazard 0 = Minimal Hazard</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">HEALTH</td> <td style="width: 20%; text-align: center;">2</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Personal Protection</td> <td style="text-align: center;">*</td> </tr> </table> <p>**- See Section VIII - Special Protection Information</p>						HEALTH	2	FLAMMABILITY	1	REACTIVITY	1	Personal Protection	*
HEALTH	2													
FLAMMABILITY	1													
REACTIVITY	1													
Personal Protection	*													
<p>General Use and Precautionary Information</p> <p>Petroleum Base Lubricant. As with any organic solvent based product, care should be taken to avoid excessive inhalation of vapors. This is especially important in enclosed areas with poor ventilation. Avoid keeping the skin continually wet with this product. Occasional skin contact should not be damaging, but repeated or prolonged contact may defat the skin and possibly cause dermatitis.</p>														
Section II - HAZARDOUS INGREDIENTS														
Ingredients/Synonyms	EPA TOXIC	CAS No.	% Wt.	OSHA-PEL ppm mg/m3	ACGIH-TLV ppm mg/m3	Vapor Pressure								
Hydrotreated Heavy Naphtha (petroleum)		64742-48-9	15-25	**	**	<10 mm Hg								
Asphalt		8052-42-4	30-40	- -	- 5	<0.01 mm Hg								
Propane		74-98-6	5-10	1000 1800	*	--								
Isobutane		75-28-5	1-5	- -	*	--								
N-Butane		106-97-8	5-10	- -	*	--								
Xylene	x	1330-20-7	1-5	100 435	100 434	25 mm Hg								
<p>*No TLV. Simple Asphyxiant. **Chesterton Recommended Limit (CRL): 300 ppm</p>														
Section IIA - OTHER INGREDIENTS on the EPA LIST OF TOXIC CHEMICALS														
None														
<p>X Material marked contains or is a toxic chemical(s), subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.</p>														
Section III - PHYSICAL DATA														
Initial Boiling Point 280°F (138°C), Product Only			Percent Volatile (by volume) 35.4, Product Only											
Vapor Density >1 (Air = 1)		Evaporation Rate <1 (Ether = 1)		Weight Per Gallon 7.5 lbs. (0,9 Kg/l)										
Section IV - FIRE AND EXPLOSION DATA														
Flash Point 108°F (42°C) Closed Cup, Product Only		LEL Not Determined		DOT Shipping Name ¹ Aerosols, flammable DOT Hazard Class 2.1 DOT UN/NA # 1950 PACKAGING GROUP # N/A EMERGENCY RESPONSE GUIDE BOOK NO. 12										
Extinguishing Media Carbon Dioxide, dry chemical, foam or water fog.				¹ Note: Shipped as Consumer Commodity, ORM-D in packaging having a rated capacity gross weight of 66 lbs. or less (49 CFR 173.306(h)).										
Unusual Fire and Explosion Hazards Water may cause frothing. Pressurized containers when heated are a potential explosive hazard.														
Special Fire Fighting Procedures Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus.														

Product Name: 715 Spraflex® (Aerosol)

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Section V — REACTIVITY DATA

Stability Stable
Hazardous Decomposition Products Carbon Monoxide, aldehydes and other toxic fumes.
Hazardous Polymerization
 May Occur Will Not Occur

Conditions to Avoid Open flames and red hot surfaces.
Materials to Avoid Strong oxidizers like liquid Chlorine and concentrated Oxygen.

Section VI — HEALTH HAZARD DATA

Primary Route of Exposure Under Normal Use Inhalation, skin and eye contact, injection. Personnel with pre-existing dermatitis are generally aggravated by exposure.

Acute Effects Direct contact will cause eye irritation. Inhalation of vapor concentrations in excess of 1000 ppm will cause eye and respiratory tract irritation, dizziness, headache, and other central nervous system effects. Injection into the body without immediate medical treatment may cause loss of affected part of the body. Propane causes dizziness at 100,000 ppm.

Chronic Effects Prolonged or repeated skin contact may defat the skin and cause skin irritation.

As per 29 CFR 1910.1200 (Hazard Communication), there are NO carcinogens in this product as listed in the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or the Occupational Safety and Health Administration (OSHA).

Emergency and First Aid Procedures

Inhalation Remove to fresh air. If not breathing, administer artificial respiration. Contact physician.

Eye/Skin Contact Wash skin with soap and water. Flush eyes for at least 15 minutes with large amounts of water. Contact physician if irritation persists.

Injection Contact physician immediately. Transport immediately for medical treatment. Delay may cause loss of affected part of the body.

Ingestion Do not induce vomiting. Contact physician immediately.

Section VII — SPILL OR RELEASE PROCEDURES

Steps to be Taken in Case Material is Spilled or Released
Evacuate area. Provide adequate ventilation. Contain spill to a small area. Flush away from ignition sources with water. Pick up with absorbent material and transfer to a suitable container for disposal. Keep away from sewers, streams and waterways.

Waste Disposal Method Incinerate absorbed material. Do not incinerate pressurized or sealed containers. Landfill sealed containers in an approved area. Check local, state and federal regulations.

Section VIII — SPECIAL PROTECTION INFORMATION

Respiratory Protection Not normally needed. If PEL/TLV is exceeded, use approved organic vapor respirator.

Protective Gloves Chemical resistant gloves (e.g., nitrile rubber)

Eye Protection Safety glasses or goggles.

Ventilation No special requirements. If PEL/TLV is exceeded, provide adequate ventilation.

Other None

Section IX — SPECIAL PRECAUTIONS

Precautions in Handling and Storing Do not store in direct sunlight or above 49°C (120°F).

Other Precautions If product is heated, use adequate ventilation.

The information contained herein is based on data provided from suppliers of the materials used and not on the mixture itself, and is believed to be correct. However, no warranty is expressed or implied regarding the accuracy of the data. Since the information contained herein may be applied under conditions beyond our control, the persons receiving it shall make their own determination of the suitability of the product for their particular purposes.