



Material Safety Data Sheet

COSMOLINE SPRAY (BASE)

1. Chemical Product and Company Identification

Product Name	COSMOLINE SPRAY (BASE)	Emergency Phone Number	24 HOUR - (800) 424-9300 (CHEMTREC)
Company Name	Houghton International Inc. Madison & Van Buren Aves Valley Forge, PA 19482	FAX	(610) 666-1376
Website	www.houghtonintl.com	Customer Service	(888) 459-9844
Telephone	(610) 666-4000		

2. Hazardous Ingredients

Component	Cas No	% by Weight	Hazards
Aliphatic Petroleum Solvent	64742-47-8 8052-41-3	10-30	TLV: 100 ppm PEL: 500 ppm
Hexylene Glycol	107-41-5	1-10	TLV: 25 ppm - ceiling PEL: N/E
Methyl Salicylate	119-36-8	1-5	TLV: N/E PEL: N/E
Mineral Oil	64741-45-3 64741-97-5 64742-54-7	1-10	TLV: 5 mg/m ³ as oil mist PEL: 5 mg/m ³ as oil mist STEL: 10 mg/m ³ as oil mist Other:
Petroleum Hydrocarbon	64742-47-8 64742-88-7	30-60	TLV: 200 mg/m ³ - vapor

N/E - Not Established; N/A - Not Applicable; Mfr - Manufacturer Recommendation

3. Hazards Identification

Primary Entry Routes	EYES, SKIN, INHALATION
Acute Effects	
Inhalation	AVOID BREATHING PRODUCT VAPORS. BREATHING VAPORS IN EXCESS OF THE TLV MAY CAUSE HEADACHE, DIZZINESS OR NAUSEA.
Eye	MAY CAUSE MILD EYE IRRITATION.
Skin	MAY CAUSE IRRITATION TO SKIN AND HAVE A DEFATTING EFFECT ON PROLONGED CONTACT.



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3. Hazards Identification - continued

Ingestion	IF INGESTED, NO SERIOUS EFFECTS KNOWN. MAY CAUSE NAUSEA.
Carcinogenicity	THIS PRODUCT DOES NOT CONTAIN ANY COMPONENT REPORTABLE AS A CARCINOGEN UNDER 29 CFR 1910.1200.
Medical Conditions Aggravated by LongTerm Exposure	PRE-EXISTING SKIN AND RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.
Chronic Effects	UNKNOWN
HMIS:	
Health	1
Flammability	2
Physical Hazard	0

* indicates that there may be chronic health effects present

4. First Aid Measures

Inhalation	IF INHALED, REMOVE TO A SOURCE OF FRESH AIR.
Eye Contact	FLUSH EYES WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN.
Skin Contact	WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSING.
Ingestion	IF INGESTED, DO NOT INDUCE VOMITING! CONSULT PHYSICIAN.
Note to Physicians	NO SPECIFIC ANTIDOTE KNOWN. BASED ON INDIVIDUAL REACTIONS OF THE PATIENT, THE PHYSICIAN'S JUDGMENT SHOULD BE USED TO CONTROL SYMPTOMS AND CLINICAL CONDITIONS.

N/A - Not Applicable

5. Fire Fighting Measures

Flash Point	105°F / 40°C
Method Used	PENSKY MARTENS CLOSED CUP
Autoignition Temperature	N/D
LEL	N/D



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5. Fire Fighting Measures - continued

UEL	N/D
Extinguishing Media	USE CARBON DIOXIDE, DRY CHEMICAL OR FOAM.
Unusual Fire or Explosion Hazards	VAPOR ACCUMULATION MAY FLASH OR EXPLODE IF IGNITED.
Fire Fighting Instructions	USE SELF-CONTAINED BREATHING APPARATUS WHEN FIREFIGHTING IN CONFINED AREAS.
NFPA:	
Health	1
Flammability	2
Reactivity	0
Special	N/A

N/A - Not Applicable; ND - Not Determined; > - Greater Than; < - Less Than

6. Accidental Release Measures

Spill or Release Procedures	PROVIDE VENTILATION. REMOVE SOURCES OF FLAME AND SPARKS. APPLY DRY OIL ABSORBENT TYPE MATERIAL AND SWEEP UP.
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7. Handling and Storage

Handling Precautions	AVOID CONTACT WITH STRONG OXIDIZERS. AVOID BREATHING VAPORS. USE WITH ADEQUATE VENTILATION.
Storage Requirements	KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE IN A COOL, DRY, WELL VENTILATED AREA.

8. Exposure Controls/Personal Protection

Engineering Controls	LOCAL EXHAUST IN CONFINED SPACES; OTHERWISE, GENERAL TYPE IS ADEQUATE
Personal Protective Equipment	
Eye/Face Protection	WEAR SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.



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8. Exposure Controls/Personal Protection - continued

Skin Protection	USE GLOVES AND PROTECTIVE CLOTHING TO MINIMIZE SKIN CONTACT.
Respiratory Protection	RESPIRATORY PROTECTION REQUIRED IF APPLICABLE EXPOSURE LIMITS ARE EXCEEDED.
Other	EYEWASH AND SAFETY SHOWER RECOMMENDED.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, or applying cosmetics.

9. Physical and Chemical Properties

Appearance	CLEAR, DARK LIQUID	Water Solubility	INSOLUBLE
Odor	SLIGHT PERFUMED ODOR.	Boiling Point	< 200°F
Vapor Pressure (mmHg)	6.0	Freezing/ Melting Point	N/D
Vapor Density (Air = 1)	4.5	Evaporation Rate (BuAc = 1)	N/D
Specific Gravity (Water = 1)	0.83		
pH (Neat)	N/A		

N/D - Not Determined; N/A - Not Applicable; > - Greater Than; < - Less Than

10. Stability and Reactivity

Stability	THIS PRODUCT IS STABLE AT ROOM TEMPERATURE IN CLOSED CONTAINERS UNDER NORMAL STORAGE AND HANDLING CONDITIONS.
Chemical Incompatibilities	AVOID CONTACT WITH STRONG OXIDIZERS.
Hazardous Decomposition Products	THERMAL: OXIDES OF CARBON
Hazardous Polymerization	HAZARDOUS POLYMERIZATION WILL NOT OCCUR.



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11. Toxicological Information

NO DATA AVAILABLE

12. Ecological Information

NO DATA AVAILABLE

13. Disposal Considerations

Disposal	FOLLOW PERTINENT REGULATIONS FOR DISPOSAL. IT IS THE RESPONSIBILITY OF THE PRODUCT USER TO DETERMINE, AT THE TIME OF DISPOSAL, WHETHER A MATERIAL CONTAINING THE PRODUCT OR DERIVED FROM THE PRODUCT SHOULD BE CLASSIFIED AS A HAZARDOUS WASTE. (40 CFR 261.20-24)
RCRA Hazardous Waste Number	D001 (IGNITABILITY)

14. Transportation Information

Proper Shipping Name	NON-BULK, GROUND: NOT HAZARDOUS; BULK: NA1993, COMBUSTIBLE LIQUID, N.O.S (PETROLEUM HYDROCARBON), III; AIR & INTERNATIONAL: UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III
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15. Regulatory Information

TSCA Section 8(b)	ALL OF THE COMPONENTS IN THIS PRODUCT ARE ON THE TSCA INVENTORY.
DSL	ALL OF THE COMPONENTS IN THIS PRODUCT ARE ON THE CANADIAN DSL. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR.
CERCLA Reportable Quantity	NONE
SARA Title III, Section 313	THIS PRODUCT CONTAINS NO TOXIC CHEMICAL 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.



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15. Regulatory Information - continued

SCAQMD	THIS PRODUCT IS NOT TO BE USED IN CALIFORNIA'S SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT BECAUSE IT DOES NOT COMPLY WITH RULE 1144.
Ozone Depleting Substances	THIS PRODUCT WAS NOT MANUFACTURED, DOES NOT CONTAIN, AND WAS NOT PACKAGED USING ANY CLASS I OR CLASS II OZONE DEPLETING SUBSTANCE AS DEFINED BY THE CLEAN AIR ACT.
WHMIS	B3, D2A

16. Other Information

Prepared By GARY CARL
Title MANAGER, PRODUCT SAFETY

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