

MSDS Document

Product Mirage

1. Chemical Product and Company Identification

Trade Name of this Product Mirage**MSDS ID** DA7020**Manufacturer**

Drummond American
600 Corporate Woods Parkway
Vernon Hills, IL 60061

Contact Name

Corporate Compliance Team

Phone Number

(847) 913-9313

Emergency Phone

(888) 426-4851

Revision Date 04/28/2004

Health:	2
Fire:	4
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
MEDIUM ALIPHATIC SOLVENT NAPHTHA	64742-88-7	21 %	100 ppm	100 ppm	ND
KEROSENE	8008-20-6	10 %	ND	ND	ND
PROPANE	74-98-6	5 %	1000 ppm	1000 ppm	ND
BUTANE	106-97-8	5 %	800 ppm	800 ppm	NE

3. Hazard Identification

Route(s) of Entry

Inhalation. Skin. Eyes.

Skin

May cause the following effects: Irritation. Redness. Itching. Burning sensation.

Eyes

May cause the following effects: Redness. Itching. Irritation. Burning sensation.

Inhalation

Headaches. Nausea. Upper respiratory tract irritation. Dizziness. Long-term exposure may cause the following effects: Loss of coordination. Can cause severe central nervous system depression (including unconsciousness). Death.

4. First Aid Information

Eye

Flush eye with water for 15 minutes. Get medical attention.

Skin

Wash with soap and water. Remove contaminated clothing. Wash clothing separately before reuse.

Inhalation

Remove from exposure. Restore breathing. Keep warm and quiet. Seek medical attention.

Ingestion

Do not induce vomiting. Seek medical attention immediately.

5. Fire Fighting Measures

Flash Point	<0°F (-17.8°C)
FP Method	N/Av
LEL	0.7
UEL	9.5

Extinguishing Media

Carbon dioxide. Dry chemical. Alcohol foam.

Fire and Explosion Hazards

During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Special Fire Fighting Procedures

Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Water spray may be ineffective. If water is used, fog nozzles are preferable. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Small Spill

Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Soak up with noncombustible inert absorbent material.

Large Spill

Follow procedures for small spill.

7. Handling and Storage

Handling

Vapors may accumulate readily and may ignite explosively. Use only in a well-ventilated area. Contents under pressure. Do not puncture or incinerate. Avoid contact with skin and eyes. Avoid breathing vapors. Avoid breathing spray mist. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not smoke while using. Ground and bond containers when transferring material. Do not take internally. Keep out of reach of children. Thoroughly wash hands and exposed skin after handling. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Storage

Follow all label directions. Keep away from heat, sparks, and flame. Store in temperatures below 120 degrees F (49°C). Extinguish pilot lights and cigarettes.

NFPA Storage Codes

Store as Level 3 Aerosol (NFPA 30B).

8. Exposure Controls and Personal Protection

Eye Protection

Wear safety glasses with side shields.

Protective Gloves

The following glove(s) are recommended to prevent prolonged or repeated contact: Chemical resistant gloves. Consult glove manufacturer to determine the proper type for a specific operation.

Ventilation

Provide local exhaust ventilation. If current ventilation practices are not adequate in maintaining airborne concentrations below the established exposure limits, additional ventilation or exhaust systems may be required.

Respiratory Protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Seek professional advise prior to respirator selection and use.

9. Physical and Chemical Properties

Physical State	Aerosol
Specific Gravity	0.86
Color/Appearance	viscous white
Odor	solvent
pH	N/Av
Boiling/Cond. Point	<0-572°F (<-18-300°C)
Melting/Freezing Point	N/Av
Solubility	N/Av
Evaporation Rate	Faster than ether
VOC %	41.08 by weight
Percent Volatile	95 by volume
Viscosity	N/Av
Vapor Density	Heavier than air
Vapor Pressure	N/Av

10. Stability and Reactivity

Stability

Stable.

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

The following chemicals may result in a fire: Carbon monoxide. Carbon dioxide.

Conditions to Avoid

None known.

Incompatibility

None known.

11. Toxicological Information

Carcinogenicity

None of the components are listed by NTP, IARC, or OSHA as carcinogenic.

Target Organ(s) Affected

Long term exposure to vapor may cause liver damage. Urinary system.

Reports have associated prolonged overexposure to solvents with permanent brain and nervous system damage.

12. Ecological Information

Ecological Information

No information available.

13. Disposal Considerations

Waste Disposal Method

As supplied, this product may be a RCRA hazardous waste. Waste must be tested for ignitability to determine EPA hazardous waste numbers. Do not incinerate. Depressurize before disposal. Dispose in accordance with federal, state, and local regulations.

14. Transportation Information

Proper Shipping Name

Consumer Commodity (ORM-D)

DOT Class

ORM-D.

IATA Class

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ID Number

ID8000.

15. Regulatory Information

California Prop 65

WARNING: This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm.

S.A.R.A. Title III, Section 313

This product contains no listed chemicals subject to reporting.

TSCA Certification

All chemicals in this product are listed, or are exempt from listing on the TSCA inventory.

CPR Certification

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations.

16. Other Information

Disclaimer

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.