

# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

**Product name** MAGNET AEROSOL  
**Product use** Specialty Chemical  
**Product code** 0080  
**Date of issue** 06/10/10 **Supersedes** 10/01/07

### Emergency Telephone Numbers

**For MSDS Information:**  
Technical Services Group  
Telephone (780) 453-8100  
(Business Hours 8:00am - 5:00pm)

### For Medical or Transportation Emergency

CANUTEC (24 Hours)  
(613) 996-6666 - Call Collect

### Prepared By

Technical Services Group  
11627 178th Street  
Edmonton, Alberta T5S 1N6

Printing date: 23/06/10

## Section 2. Hazards Identification

**NOTE:** MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

**Acute Effects**                      **Routes of Entry**                      Inhalation. Eye contact Skin contact

**Eyes**                      May cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

**Skin**                      May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.

**Inhalation**                      Inhalation of aerosol Mist May cause chemical pneumonitis. Inhalation of spray mists or vapors may cause central nervous system depression characterized by headache, dizziness, nausea, stupor, weakness and/or numbness and tingling in the extremities (medical term - peripheral neuropathy). Over-exposure by inhalation may cause respiratory irritation.

**Ingestion**                      Harmful if swallowed.

**Chronic effects**                      May cause damage to the following organs: lungs.  
Contains material which may cause damage to the following organs: the nervous system, central nervous system (CNS).

**Additional Information:** See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS number</u>	<u>% by Weight</u>
ODORLESS ALIPHATIC NAPHTHA; heavy alkylate petroleum naphtha; odorless mineral spirits	64741-65-7	10 - 30
BUTANE; n-Butane	106-97-8	10 - 30
PROPANE; dimethylmethane propyl hydride	74-98-6	5 - 10
ISOPARAFFINIC SOLVENT; hydrotreated light distillate (petroleum); C12-C14 isoalkanes	68551-19-9	3 - 7
PARAFFIN OIL; blend of heavy and light naphthenic petroleum distillate	64742-52-5	1 - 5

## Section 4. First Aid Measures

**Eye Contact**                      Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.

**Skin Contact**                      In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.

**Inhalation**                      Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention.

**Ingestion**                      Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

<b>Flash Point</b>	Not applicable.
<b>Flammable Limits</b>	Not available.
<b>Flammability</b>	Non-flammable.
<b>Auto-ignition Temperature</b>	
<b>Fire-Fighting Procedures</b>	Use an extinguishing agent suitable for the surrounding fire. Wear special protective clothing and positive pressure, self-contained breathing apparatus.
<b>Fire hazard</b>	In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from a fire at high speed.
<b>Products of Combustion</b>	Decomposition products may include the following materials: carbon dioxide carbon monoxide
<b>Explosion hazard</b>	Not available.

**Section 6. Accidental Release Measures**

**Spill Clean up** Large spills are unlikely due to packaging. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Section 7. Handling and Storage**

<b>Handling</b>	Put on appropriate personal protective equipment (see section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Empty containers retain product residue and can be hazardous. Wash thoroughly after handling.
<b>Storage</b>	CONTENTS UNDER PRESSURE. Do not store above the following temperature: 49°C (120°F). Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep out of the reach of children.

**Section 8. Exposure Controls/Personal Protection****Product name**

Odorless Aliphatic Naphtha

**Exposure limits****OSHA PEL (United States).**

TWA: 500 ppm 8 hour(s).

**ACGIH TLV (United States).**

TWA: 100 ppm 8 hour(s).

Butane

**OSHA PEL 1989 (United States, 3/1989).**

TWA: 800 ppm 8 hour(s).

TWA: 1900 mg/m<sup>3</sup> 8 hour(s).**NIOSH REL (United States, 6/2009).**

TWA: 800 ppm 10 hour(s).

TWA: 1900 mg/m<sup>3</sup> 10 hour(s).**ACGIH TLV (United States, 1/2009).**

TWA: 1000 ppm 8 hour(s).

PROPANE

**OSHA PEL 1989 (United States, 3/1989).**

TWA: 1000 ppm 8 hour(s).

TWA: 1800 mg/m<sup>3</sup> 8 hour(s).**NIOSH REL (United States, 6/2009).**

TWA: 1000 ppm 10 hour(s).

TWA: 1800 mg/m<sup>3</sup> 10 hour(s).**OSHA PEL (United States, 11/2006).**

TWA: 1000 ppm 8 hour(s).

TWA: 1800 mg/m<sup>3</sup> 8 hour(s).**ACGIH TLV (United States, 1/2009).**

TWA: 1000 ppm 8 hour(s).

Isoparaffinic Solvent; Hydrotreated light distillate (petroleum)

**NIOSH REL (United States).**TWA: 1200 mg/m<sup>3</sup> Form: Vapor

Distillates (petroleum), hydrotreated heavy naphthenic

**OSHA PEL (United States).**TWA: 5 mg/m<sup>3</sup> 8 hour(s). Form: Mist**ACGIH TLV (United States).**TWA: 5 mg/m<sup>3</sup> 8 hour(s). Form: Mist**NIOSH REL (United States, 6/2009).**TWA: 5 mg/m<sup>3</sup> 10 hour(s). Form: MistSTEL: 10 mg/m<sup>3</sup> 15 minute(s). Form: Mist**Personal Protective Equipment (PPE)**

**Eyes** Recommended: Tightly-fitting goggles or Safety glasses with side-shields.



**Hands and Body** No special protective clothing is required.

**Respiratory** Use with adequate ventilation. Avoid breathing vapors, spray or mists.

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid. (Aerosol)	<b>Color</b>	White. Emulsion. [Light]
<b>pH</b>	Not available.	<b>Odor</b>	Lemon-like. [Slight]
<b>Boiling Point</b>	102°C (215.6°F)	<b>Vapor Pressure</b>	Not available.
<b>Specific Gravity</b>	Not available.	<b>Vapor Density</b>	Not available.
<b>Solubility</b>		<b>Evaporation Rate</b>	1 (Water = 1)
<b>Freezing Point</b>		<b>VOC (Consumer)</b>	3.2 % (w/w) [ISO 11890-1] 32g/L

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Reactive or incompatible with the following materials: oxidizing materials.
<b>Hazardous Polymerization</b>	Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Hazardous Decomposition Products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Section 11. Toxicological Information**

**Carcinogenicity** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Acute Toxicity**

Odorless Aliphatic Naphtha	LC50 Inhalation Vapor	Rat	>5900 mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	>18800 mg/kg	-
Butane	LC50 Inhalation Vapor	Rat	658 g/m <sup>3</sup>	4 hours
Isoparaffinic Solvent; Hydrotreated light distillate (petroleum)	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-

**Section 12. Ecological Information**

**Environmental Effects** No known significant effects or critical hazards.

**Aquatic Ecotoxicity**


Not available.

**Section 13. Disposal Considerations****Waste Information**

Waste must be disposed of in accordance with applicable regulations. Consult your local or regional authorities for additional information.

**Waste Stream** Not available.

**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
<b>TDG Classification</b>	1950	Aerosols, non-flammable	2.2	-		<b>Explosive Limit and Limited Quantity Index</b> 1
<b>IMDG Class</b>				-		-

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.

PG\* : Packing group

**Section 15. Regulatory Information****Canada****WHMIS (Canada)**

Class A: Compressed gas.  
Class D-2B: Material causing other toxic effects (Toxic).

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

**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*