MaterialSafety DataSheet

Section 1. Product Identification and Use

Product Name - Trade Name **100-134 SOLVENT G**

Supplier - Manufacturer

Chemcraft International Inc.,
155 Rose Glen Road North
P.O. Box 458
Port Hope, ON.
Canada L1A 3Z3
Telephone (905) 885-6388 **Fax** (905) 885-5097

In case of Emergency (905) 885-6388, (800) 263-7951

For Transport Emergency or After Hours

CANUTEC (613) 996-6666

Code	100-134
Synonym	SOLVENT G
Chemical Name	Not applicable.
Chemical Family	Synthetic polymer in organic solvent. (Paint.)
Chemical Formula	Not applicable.
Material Uses	Coatings: Surface coatings and finishes.
Product Identification Number (PIN)	1268 PETROLEUM DISTILLATES NOS (NAPTHA SOLVENT)

Section 2. Hazardous Ingredients

			Exposure limits	
Name	**CAS #**	**% by Weight**	**LC_{50}/LD_{50}**	**TLV/PEL**
Heavy aromatic naphtha.	64742-94-5	70 - 100	ORAL (LD50): Acute: 3000 mg/kg [Rat]. DERMAL (LD50): Acute: 3001 mg/kg [Rabbit].	

Trace impurities and additional material names not listed above may appear in other sections of this MSDS. These materials may be listed for toxicological concerns, local compliance, or other reasons.

Section 3. Physical Data

Physical State and Appearance	Liquid.
Color	Not available. **Odor** Not available. **Taste** Not available.
Molecular Weight	Not applicable.
pH (1% soln/water)	Not applicable.
Boiling Point	The lowest known value is 177.2°C (351°F) (Solvent naphtha (petroleum), heavy arom.).
Melting Point	May start to solidify at -73°C (-99.4°F) based on data for: Solvent naphtha (petroleum), heavy arom..
Critical Temperature	Not available.
Specific Gravity	The only known value is 0.88 (Water = 1) (Solvent naphtha (petroleum), heavy arom.).
Vapor Pressure	The highest known value is 0.009 kPa (0.07 mm Hg) (at 20°C) (Solvent naphtha (petroleum), heavy arom.).
Vapor Density	The highest known value is 4.8 (Air = 1) (Solvent naphtha (petroleum), heavy arom.).
Volatility	Not available.
Odor Threshold	Not available.

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Water/Oil Dist. Coeff.	The product is much more soluble in octanol.
Ionicity (in Water)	Not available.
Dispersion Properties	Not dispersible in cold water, hot water. See solubility in methanol, diethyl ether, n-octanol.
Solubility	Easily soluble in n-octanol. Soluble in diethyl ether. Partially soluble in methanol. Insoluble in cold water, hot water.

Section 4. Fire and Explosion Hazard

The Product is:	Combustible.
Fire Hazards in Presence of Various Substances	Highly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.
Fire Fighting Media and Instructions	SMALL FIRE: Use dry chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special Remarks on Fire Hazards	Container explosion may occur under fire conditions or when heated. Vapor may travel considerable distance to source of ignition and flash back. (Solvent naphtha (petroleum), heavy arom.)
Flash Points	Closed cup: 66°C (150.8°F). (Tagliabue.)
Flammable Limits	The greatest known range is Lower: 0.6% Upper: 7% (Solvent naphtha (petroleum), heavy arom.)
Auto-Ignition Temperature	The lowest known value is 510°C (950°F) (Solvent naphtha (petroleum), heavy arom.).
Products of Combustion	Not available.
Explosion Hazards in Presence of Various Substances	Highly explosive in the presence of the following materials or conditions: open flames, sparks and static discharge.
Special Remarks on Explosion Hazards	Not available.

Section 5. Reactivity Data

Stability	The product is stable.
Decomposition products	Not available.
Conditions of Instability	Not available.
Incompatibility with various substances	Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis. Slightly reactive or incompatible with the following materials: reducing materials and organic materials. Non-reactive or compatible with the following materials: metals and moisture.
Corrosivity	Not available.
Special Remarks on Reactivity	Not available.
Special Remarks on Corrosivity	Not available.

Section 6. Toxicological Properties

Routes of Entry	Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 3000 mg/kg (Rat) (Calculated value for the mixture). Acute dermal toxicity (LD50): 3001 mg/kg (Rabbit) (Calculated value for the mixture).
Effects of Acute Exposure	Very hazardous in case of inhalation. Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant). Non-sensitizer to skin.
Chronic Effects on Humans	**CARCINOGENIC EFFECTS**: Not available. **MUTAGENIC EFFECTS**: Not available. **TERATOGENIC EFFECTS**: Not available. **DEVELOPMENTAL TOXICITY**: Not available. Repeated or prolonged exposure is not known to aggravate any medical condition.

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Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.
Special Remarks on Other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract. (Solvent naphtha (petroleum), heavy arom.)
Exposure Limits	Not available.

Section 7. Preventive Measures

Personal Protection	Safety glasses. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Impervious gloves.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Vapor respirator. Boots. Gloves. Self-contained breathing apparatus (SCBA) should be used to avoid inhalation of the product. Suggested protective clothing might not be adequate. Consult a specialist before handling this product.
Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.
Small Spill	Absorb with an inert material and transfer the spilled material and absorbent to an appropriate waste disposal container.
Large Spill	Keep away from heat. Keep away from sources of ignition. Stop leak if without risk.
Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Precautions	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids, alkalis.
Storage	Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
TDG Classification	3
PIN	1268 PETROLEUM **PG:** III DISTILLATES NOS (NAPTHA SOLVENT)
Special Provisions for Transport	-
Federal and State Regulations	**WARNING:** This product contains chemical/chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.: Van-Sol 63/Apsol #2/Vansol 63/Hisol 10
Other Regulations	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
Other Classifications	**WHMIS (Canada)** **Class B-2: Flammable liquid** **Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).** **Class D-2B: Material causing other toxic effects (Toxic).** **HCS (U.S.A.)** Combustible liquid

Hazardous Material Information System (U.S.A.)	**Health Hazard**	1
	Fire Hazard	2
	Reactivity	0
	Personal Protection	G

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National Fire Protection Association (U.S.A.)	**Health**	1
	Fire Hazard	2
	Reactivity	0
	Specific Hazard	

Section 8. First Aid Measures

Eye Contact Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Hazardous Skin Contact Not available.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Hazardous Inhalation Move the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion Do not induce vomiting. Examine the lips and mouth to ascertain if the tissues are damaged, a possible indication that toxic material was ingested. The absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Hazardous Ingestion Not available.

Section 9. Preparation Information

References -Manufacturers Material Safety Data Sheets.

Other Special Considerations Not available.

Related Information This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.

Preparation Information **Validated by K. William on 2/28/2006.**

Verified by K. William.

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Information Contact Prepared by the Health, Safety and Environment Department,
Chemcraft International Inc., P.O. Box 458, 155, Rose Glen Road North, Port Hope, ON. Canada.
Phone: 905 885-6388
Fax: 905 885-5097