

Material Safety Data Sheet

Section 1. Product Identification and Use

Product Name - Trade Name **100-143 SLOW GLAZE REDUCER [CA 07169]**

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 100-143
Synonym SLOW GLAZE REDUCER [CA 07169]
Chemical Name Not applicable.
Chemical Family Aliphatic hydrocarbon (heavy). (Solvent.)
Chemical Formula Not applicable.
Material Uses Coatings: Manufacture of surface coatings.
Product Identification Number (PIN) 1268 Petroleum Distillates, N.O.S.

Section 2. Hazardous Ingredients

Exposure Limits

Name	CAS #	% by Weight	LC ₅₀ /LD ₅₀	TLV/PEL
Heavy aliphatic solvent naphtha (petroleum)	64742-96-7	60-100	ORAL (LD50): Acute: 5001 mg/kg [Rat]. DERMAL (LD50): Acute: 5001 mg/kg [Rabbit].	Not available.

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 Clear (Light.) **Odor** petroleum (Strong.) **Taste** Not available.

Molecular Weight Not applicable.

pH (1% soln/water) Not applicable.

Boiling Point The lowest known value is 185°C (365°F) (Solvent naphtha (petroleum), heavy aliph.).

Melting Point Not available.

Critical Temperature Not available.

Specific Gravity The only known value is 0.802 (Water = 1) (Solvent naphtha (petroleum), heavy aliph.).

Vapor Pressure The highest known value is 0.07 kPa (0.5 mmHg) (at 20°C) (Solvent naphtha (petroleum), heavy aliph.).

Vapor Density The highest known value is 5.34 (Air = 1) (Solvent naphtha (petroleum), heavy aliph.).

Volatility Not available.

Odor Threshold Not available.

Water/Oil Dist. Coeff. The product is more soluble in octanol.

Continued on Next Page

Ionicity (in Water)	Not available.
Dispersion Properties	Is not dispersed in cold water, hot water. See solubility in methanol, diethyl ether.
Solubility	Easily soluble in methanol, diethyl ether. Very slightly soluble in n-octanol. Insoluble in cold water, hot water.

Section 4. Fire and Explosion Hazard

The Product is:	Combustible.
Fire Hazards in Presence of Various Substances	Slightly flammable to flammable in presence of 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	Vapor may travel considerable distance to source of ignition and flash back. (Benzene)
Flash Points	Closed cup: Between 61°C (142°F) and 93.3°C (200°F).
Flammable Limits	The greatest known range is LOWER: 1.1% UPPER: 6% (Solvent naphtha (petroleum), heavy aliph.)
Auto-Ignition Temperature	Not available.
Products of Combustion	Not available.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Slightly explosive in presence of 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	Slightly reactive to reactive with oxidizing agents.
Corrosivity	Not available.
Special Remarks on Reactivity	Not available.
Special Remarks on Corrosivity	Not available.

Section 6. Toxicological Properties

Routes of Entry	Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 5001 mg/kg [Rat]. (Solvent naphtha (petroleum), heavy aliph.). Acute dermal toxicity (LD50): 5001 mg/kg [Rabbit]. (Solvent naphtha (petroleum), heavy aliph.).
Effects of Acute Exposure	Very hazardous in case of skin contact (irritant). Hazardous in case of eye contact (irritant), of ingestion, of inhalation.
Chronic Effects on Humans	CARCINOGENIC EFFECTS: Classified 4 (Probably not for human.) by IARC [100-143 SLOW GLAZE REDUCER [CA 07169]]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.
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	Exposure can cause nausea, headache and vomiting. (Benzene)
Exposure Limits	Not available.

Continued on Next Page

Section 7. Preventive Measures

Personal Protection	Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Chemical resistant gloves, such as Norfoil should be used when handling this product. Please consult a Glove Manufacturer for alternate choices.	
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Vapor respirator. Boots. Chemical resistant gloves, such as Norfoil should be used when handling this product. Please consult a Glove Manufacturer for alternate choices. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; 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 proximal to the work-station location.	
Small Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal.	
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. Wear suitable protective clothing. 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.	
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 Distillates, PG: III N.O.S.	
Special Provisions for Transport		
Federal and State Regulations	California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Benzene California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Benzene California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Benzene California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Benzene	
Other Regulations	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).	
Other Classifications	WHMIS (Canada)	Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F). Class D-2A: Material causing other toxic effects (VERY TOXIC).
	HCS (U.S.A.)	Class: Combustible liquid having a flash point between 37.8°C (100°F) and 93.3°C (200°F).
Hazardous Material Information System (U.S.A.)	Health Hazard	2
	Fire Hazard	2
	Reactivity	0
	Personal Protection	H
National Fire Protection Association (U.S.A.)	Health	2
	Fire Hazard	2
	Reactivity	0
	Specific Hazard	

Section 8. First Aid Measures

Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. 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. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
Hazardous Skin Contact	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Hazardous Inhalation	Evacuate 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 whether the tissues are damaged, a possible indication that the 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 Alfreda Kowalski on 1/26/2005. Verified by Alfreda Kowalski. Printed 4/4/2005.
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

Notice to Reader

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.