

MATERIAL SAFETY DATA SHEET

Curtis/GlenChem Corp.

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2000 Industrial Highway
Eddystone, PA 19022-1513

Daytime Telephone: (610) 876-9906
24 Hour Emergency: CHEMTREC® (800) 424-9300

Product: **BLENDSOL 140**

MSDS No.: G5140 - Rev 4.0 Date: 08/96
Replaces - Rev 3.1 04/95
Purpose - Inf. Update - Section 10

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-- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name	BLENDSOL 140	HMIS	
Chemical Name/Synonym	PROPRIETARY BLEND	<u>Hazard Rating:</u>	<u>Legend:</u>
Chemical Family	BLEND OF PETROLEUM HYDROCARBONS	Health:.....	1 0 - Least
Formula	PROPRIETARY	Fire:.....	2 1 - Slight
Product Code	G5140	Reactivity:.....	0 2 - Moderate
			3 - High
			4 - Extreme

Product Description: Compounded Solvent Cleaner/Degreaser

-- SECTION 02 - PHYSICAL DATA --

Boiling Point:	> 367°-405°F	Solubility in Water:	Nil
Vapor Pressure:	< 10 (mmHg) @ 25°C	Specific Gravity:	0.78 (H ₂ O=1)
Vapor Density:	4.8 (AIR=1) (Approx.)	% Volatile by Volume:	100
Appearance:	Clear, colorless liquid	Odor:.....	Characteristic solvent
pH:	N/A		

-- SECTION 03 - HAZARDOUS COMPONENTS --

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Blended aliphatic petroleum distillates	64742-47-8	50-100	300 ppm	300 ppm
	64742-88-7	50-100	100 ppm	100 ppm

(Consisting of C8-C11 saturated hydrocarbons, and <0.2% C8 aromatic hydrocarbons)

-- SECTION 04 - FIRE AND EXPLOSION HAZARD DATA --

Flash Point: 143°F (Tag Closed Cup - ASTM, D-56)
Extinguishing Media: Small Fire: CO₂, foam, or dry chemical; Large Fire: Alcohol-type or all-purpose-type foam.
Special Fire Fighting Procedures: Use self-contained breathing apparatus; water may be used to cool adjacent containers.

To prevent fire or explosion risk from static accumulation and discharge, effectively ground product transfer system in accordance with the NFPA standard for petroleum solvents.

-- SECTION 05 - REACTIVITY DATA --

Stability: Stable.
Incompatibility: Strong oxidizers, such as liquid chlorine or concentrated oxygen.
Hazardous Decomposition Products: Carbon monoxide, fumes, smoke, aldehydes and other products of incomplete combustion.
Hazardous Polymerization: Will not occur.

-- SECTION 06 - SPILL, LEAK, AND DISPOSAL PROCEDURES --

Small Spills: Absorb with sand or inert material; scoop up and dispose to proper container.
Large Spills: Prevent spread of spill by dyking. Salvage uncontaminated material if possible. Salvage or dispose with waste oil.
Absorb remainder of spill with inert material; scoop up and dispose to proper container.

ALWAYS DISPOSE OF MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES FOR THAT TYPE OF MATERIAL.

-- SECTION 07 - HEALTH HAZARD DATA --

EYE CONTACT:..... May cause irritation.
SKIN CONTACT:..... Prolonged contact may cause dryness and dry skin irritation.
INHALATION:..... Excessive inhalation of vapors may cause nasal and respiratory irritation. Breathing vapors in confined area may lead to dizziness, weakness, fatigue, nausea and headache, possible unconsciousness and even death.
INGESTION: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs due to vomiting can cause chemical pneumonitis which can be fatal.
EFFECTS OF OVEREXPOSURE: None currently known.

-- SECTION 08 - FIRST AID --

EYES: Flush with water for a minimum of 15 minutes (industry safety standard for all materials) while holding eyelids apart. Seek medical attention if irritation persists.
SKIN:..... Flush with cool water; wash with soap and water after handling.
INHALATION:..... Remove to fresh air.
INGESTION: DO NOT INDUCE VOMITING - Seek medical attention. Never give anything by mouth to an unconscious person.

-- SECTION 09 - SPECIAL HANDLING INFORMATION --

VENTILATION:..... Local or mechanical exhaust ventilation sufficient to maintain workplace below exposure limits.
RESPIRATORY PROTECTION: None normally required; NIOSH approved respirator for vapor or mist conditions.
PROTECTIVE CLOTHING: Chemical resistant gloves when mixing or handling.
EYE PROTECTION:..... Tight fitting or chemical workers goggles if splashing is anticipated. OSHA regulations permit other types of safety glasses as well, depending upon the workplace circumstances.

-- SECTION 10 - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION --

HANDLING AND STORAGE: Do not breathe vapors or mist. Do not allow contact with eyes, or allow contact with skin. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers. Keep containers tightly closed and inner poly bag twist-locked to avoid caking. Empty Containers: Do not re-use empty containers for storage of foodstuffs or potable water. For returnable drums or drums set aside for a reconditioner, empty each drum as completely as possible and fit bungs tightly with undamaged closures. D.O.T. regulations do not permit transport of open or partially filled containers.

D.O.T.: Shipping Information: Combustible Liquid, n.o.s., (petroleum solvents), 9, UN1993, PGIII, ERG - 128
TSCA - The ingredients in this material are listed on the TSCA Inventory.
SARA Title III Information (for components of this material): A) Sections 311/312 *Listed*; Categories Acute, Delayed, and Fire Hazard, B) Section 313 - *Not Listed*; C) Section 302 - *Not Listed* as an Extremely Hazardous Substance. This product is classified as an oil under Section 311. Spills into or leading to surface waters that cause a sheen must be reported to the National Response Center at 1-800-424-8802.

CERCLA Information (for the components): Not Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC RQs.

Abbreviations Used in this Material Safety Data Sheet: < = Less Than; > = Greater Than; N/A = Not Applicable; N/E = Not Established; N/L = Not Listed; N/D = Not Determined; TWA = Time Weighted Average; STEL = Short Term Exposure Limit; PEL = Permissible Exposure Limit; NIOSH = National Institute of Occupational Safety & Health; OSHA = Occupational Safety & Health Administration; ACGIH = American Conference of Government and Industrial Hygienists; NTP = National Toxicology Program; IARC = International Agency for the Registration of Carcinogens; TSCA = Toxic Substance Control Act; SARA = Superfund Amendment Reauthorization Act; RQs = Reportable Quantities; CERCLA = Comprehensive Environmental Response Compensation and Liability Act; NRC = National Response Center; RCRA = Resource Recovery and Conservation Act.

The information herein is given in good faith, but no warranty, express or implied, is made.