

MATERIAL SAFETY DATA SHEET

Curtis/GlenChem Corp.

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Product: **BLENDSOL GBC**

MSDS No.: G5152 - Rev. 1.0 Date:12/03
Replaces - Rev. None
Updated Sections: None

-- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name:..... BLENDSOL GBC
Chemical Name/Synonym:..... ISOPARAFFINIC HYDROCARBON BLEND
Chemical Family:..... PETROLEUM SOLVENT
Formula:..... PROPRIETARY
Product Code:.....G5152

Product Description: Light hydrogenated paraffinic petroleum distillates

HMIS
Hazard Rating:
Legend:
Health:..... 1 0 - Least
Fire:..... 2 1 - Slight
Reactivity:..... 0 2 - Moderate
 3 - High
 4 - Severe

-- SECTION 02 - PHYSICAL DATA --

Boiling Point: 224 – 254°C
Vapor Pressure: 0.15 (kPa) @ 20°C
Vapor Density: 6.5 (AIR=1)
Appearance: Clear, colorless liquid
Evaporation Rate: < 0.1 (n-Butyl Acetate = 1)
Solubility in Water: Negligible (<0.01) @ 25°C
Specific Gravity: 0.792 (H₂O=1)
% Volatile by Volume: 100
Odor: Faint petroleum
Freeze / Melting Point: < -57°C

-- SECTION 03 - HAZARDOUS COMPONENTS --

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Light distillate – hydro-treated	64742-47-8	>99 (v/v)	Not Listed	Not Listed

Mfg. Recommends a TWA of 1200 mg/m3 (152 ppm) based on total hydrocarbon.

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

Flash Point: 199°F (93°C) TCC, Test Method ASTM D56; 177°F (81°C) PMCC, Test Method ASTM D93 min.
Extinguishing Media: Small Fire: CO₂, water fog, dry chemical; Large Fire: Alcohol-type or all-purpose-type foam.
Autoignition Temperature: 250°C (approximate)
Flammable Limits: 0.5 – 4.9% by volume (approximate)
Special Fire Fighting Procedures: Use self-contained breathing apparatus (SCBA); water may be used to cool adjacent containers.

-- SECTION 05 - REACTIVITY DATA --

Stability: Stable.
Incompatibility: Strong oxidizers.
Hazardous Decomposition Products: Carbon monoxide may form upon thermal degradation.
Hazardous Polymerization: Will not occur.

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-- 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 erecting a dyke. Salvage uncontaminated material if possible. 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. Severe irritation or chemical burn may occur if not irrigated immediately.
SKIN CONTACT: Prolonged contact may cause dryness and dry skin irritation. Low toxicity.
INHALATION:..... High vapor/aerosol concentrations (attainable at elevated temperatures well above ambient) are irritating to the eyes and the respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects, including death.
INGESTION: Not determined.
EFFECTS OF OVEREXPOSURE:..... None currently known.
IARC and NTP Not listed by the NTP, IARC, or OSHA as possible carcinogens.

-- SECTION 08 - FIRST AID --

EYES: Flush with water for a minimum of 15 minutes (industry safety standard for all materials). Seek medical attention if irritation persists.
SKIN:..... Flush with 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 exhaust; product normally does not produce vapors or mist.
RESPIRATORY PROTECTION:..... NIOSH approved respirator for mist or unventilated conditions.
PROTECTIVE CLOTHING:..... Chemical resistant gloves when mixing or handling.
EYE PROTECTION:..... Tight fitting or chemical workers goggles if splashing is anticipated.
OTHER PROTECTIVE GEAR: Coveralls, eye wash station and emergency shower.

-- SECTION 10 - REGULATORY AND ADDITIONAL INFORMATION --

HANDLING AND STORAGE: Do not breathe vapors or mist. Do not allow contact with eyes, or leave in contact with skin for prolonged periods. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers. Empty Containers: Do not reuse empty containers for storage of foodstuffs or potable water. For returnable drums or drums set aside for reconditioner, empty drums as completely as possible and fit bungs tightly with undamaged closures. D.O.T. regulations forbid transportation of partially filled and unclosed containers.

D.O.T.: Shipping Classification: Not Regulated by DOT for ground transportation

TSCA - The ingredients in this material are listed on the TSCA Inventory.

SARA Title III Information: A) Sections 311/312 - Acute; B) Section 313 – Not Listed; C) Section 302 – Not Listed as an Extremely Hazardous Substance.

CERCLA Information: Not Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC with reportable quantities.

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.

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