

# MATERIAL SAFETY DATA SHEET

## Curtis/GlenChem Corp.

Eddystone Industrial Park  
2000 Industrial Highway  
Eddystone, PA 19022-1513

Product: **STRONG SAFETY 200**

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

MSDS No.: G5148 - Rev 1.2      Date: 08/02  
Replaces - Rev 1.1      08/00  
Changes: Correction – Section 03

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**-- SECTION 01 - IDENTIFICATION AND INFORMATION --**

Product or Trade Name:.....	STRONG SAFETY 200	HMIS (and NFPA)	
Chemical Name/Synonym:.....	SOLVENT BLEND	<u>Hazard Rating:</u>	<u>Legend:</u>
Chemical Family:.....	SOLVENT	Health:.....	1      0 - Least
Formula:.....	PROPRIETARY	Fire:.....	1      1 - Slight
Product Code:.....	G5148	Reactivity:.....	0      2 - Moderate
			3 - High
			4 - Extreme

Product Description: Petroleum Hydrocarbon Solvent-Type Cleaning Compound

**-- SECTION 02 - PHYSICAL DATA --**

Boiling Point:.....	> 450° - 525°F	Solubility in Water:.....	Negligible (0.01%)
Vapor Pressure:.....	< 10 (mmHg) @ 25°C	Specific Gravity:.....	~0.96 (H <sub>2</sub> O=1)
Vapor Density:.....	4.7 (AIR=1) (Approx.)	% Volatile by Volume:.....	100
Appearance:.....	Clear, yellow liquid	Odor:.....	Slight floral
Evaporation Rate:.....	< 0.1 (n-butyl acetate = 1)	Viscosity:.....	3.0 cSt

**-- SECTION 03 - HAZARDOUS COMPONENTS --**

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Aromatic petroleum distillates (containing naphthalene)	64742-94-5	85-95	100 ppm	100 ppm
Mixed tertiary alcohols	Mixture	10-20	Not Listed	Not Listed

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

Flash Point:..... 205°F ± 3° variance (Tag Closed Cup - ASTM, D-56).  
Flammable Limits:..... LEL: 1.8 UEL: 11.8 @ 77° F (approximate)  
Autoignition Temp.:..... 900° F (approximate)  
Extinguishing Media:..... Small Fire: CO<sub>2</sub>, 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; peroxide hazard.  
Hazardous Decomposition Products:..... Carbon monoxide, fumes, smoke, aldehydes and other products of incomplete combustion.  
Hazardous Polymerization:..... Will not occur.

- Continued -

**-- 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. Incineration of waste is preferred method of disposal. *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 for prolonged periods of time 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 leave in contact with skin for prolonged periods. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers.

Empty Containers: Keep drums tightly closed when not in use. 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. Keep away from open flame. Do not cut or weld on or near steel drums as residue may ignite.

D.O.T.: Shipping Information: Not Regulated (in containers of 119 gallons capacity or less, in a quantity per container of less than 86 gallons. Otherwise, in greater quantity and capacity, is shipped as: " Environmentally Hazardous Substance, Liquid n.o.s., (Methylnaphthalenes, Liquid, Naphthalene), 9, UN3082, PG-III, Marine Pollutant)".

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 - Acute, Delayed, 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.

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