

# Cross Packaging Material Safety Data Sheet

## Cross Oil – Packaging Division

484 East 6<sup>th</sup> Street  
Smackover, AR USA  
71762

## Emergency:

Information:  
Fax:  
Revision Date:

870-881-8700, Ext. 1163

870-881-8700

870-864-8656

03/16/2011

## SECTION 1

## CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product:** SafeGard Safety Solvent 140  
**CAS Registry Number:** Not applicable for mixtures  
**Synonyms:** Stoddard solvent, Industrial Solvent and Degreaser, Gard Safety Solvent 140  
**Item Number:**  
**Generic/Chemical Name:** Clear, hydrocarbon liquid  
**Product Type:** Petroleum solvent

## SECTION 2

## COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS #	%	ACGIH TWA	OSHA PEL	OSHA STEL	SKIN
Petroleum hydrocarbon	64742-47-8	100	500 ppm	Not determine	Not determine	Yes

## SECTION 3

## HAZARDS IDENTIFICATION

**WARNING:** FLAMMABLE  
**Emergency Overview:** Clear, hydrocarbon liquid. Solvent petroleum odor. Combustible liquid and vapor. Flash point is >100°F. Product can produce static electricity during transfer or storage.  
**Eye Contact:** Acute irritation is expected  
**Skin Contact:** Short-term exposure may cause acute irritation. Chronic dermatitis may occur with prolonged contact. Personnel with pre-existing skin disorders should avoid contact with this product.  
**Inhalation:** May cause the following symptoms: headache, nasal and respiratory irritation, nausea, drowsiness, breathlessness, fatigue, central nervous system depression, convulsions, and loss of consciousness.  
**Ingestion:** ACUTE ASPIRATION HAZARD. May cause the following symptoms: headache, nausea, drowsiness, fatigue, pneumonitis, pulmonary adema, central nervous system depression, convulsions, and loss of consciousness.  
**Chronic (Cancer) Information:** IARC Monographs state that when laboratory animals are exposed to severely hydrotreated oils, such as these product(s), there is **insufficient evidence** for cancer. Thus, these oils are **Unlabeled** in accordance with 29 CFR 1910.1200.

## SECTION 4

## FIRST AID MEASURES

**Eye Contact:** Flush eyes immediately with water for at least 15 minutes or until irritation subsides occasionally lifting lower and upper lids. Get medical attention promptly.

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<b>Skin Contact:</b>	Wash thoroughly with soap and water. Immediately remove contaminated clothing and wash before reuse. If irritation or rash develops, obtain medical assistance. Immediately remove soaked clothing.
<b>Inhalation:</b>	Remove patient to fresh air and consult a physician. If breathing is difficult, give oxygen. If not breathing give artificial respiration.
<b>Ingestion:</b>	Do not induce vomiting except at the instruction of a physician. Never give anything by mouth to an unconscious person.

### SECTION 5 FIRE FIGHTING MEASURES

<b>Flash Point:</b>	Min. 61°C (>142°F) by Tag Closed Cup, ASTM D 92
<b>Upper Flammable Limit:</b>	Not determined
<b>Lower Flammable Limit:</b>	Not determined
<b>Extinguishing Media:</b>	Use water spray only to cool containers exposed to flames. Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). If leak or spill has not ignited, use water spray to disperse the vapors.
<b>Special Fire Fighting Procedures:</b>	Products of combustion include fumes, smoke and carbon monoxide.
<b>Unusual Fire and Explosion Hazards:</b>	Material is combustible. EXTINGUISHING MEDIA: Dry Chemical, carbon dioxide, and foam. CAUTION: Water stream may spread fire.
<b>By-products of Combustion:</b>	Not determined
<b>Auto-ignition Temperature:</b>	Not determined
<b>Explosion Data:</b>	Not determined

### SECTION 6 ACCIDENTAL RELEASE MEASURES

<b>Spill Procedures (Land):</b>	<b>PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:</b> Absorb on inert material. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.
<b>Spill Procedures (Water):</b>	<b>NOTIFICATION PROCEDURES:</b> Notify emergency response personnel. Evacuate area and remove ignition sources. Build dike to contain flow. Remove free liquid. Shut off ignition source. Report spills as required to appropriate authorities. U.S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.
<b>Waste Disposal Method:</b>	Prevent spills from entering storm sewers or drains and contact with soil.  CAUTION - If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

### SECTION 7 HANDLING AND STORAGE

<b>Handling Procedures:</b>	<b>DANGER:</b> This product is considered a static-accumulating (non-conductive) flammable or combustible liquid. As a result, it may accumulate a static electric charge that could ignite accumulated vapors. Many non-conductive flammable and combustible liquids form an ignitable vapor-air mixture inside storage tanks. Non-conductive flammable or combustible liquids can accumulate static electricity during transfer and storage, even with proper grounding and bonding. Static sparks can readily ignite vapor-air mixtures within storage tanks. Additional precautions, beyond standard
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grounding and bonding, may be necessary to prevent static discharge and fire/explosion hazards. Additional measures include, but are not limited to, inerting tank head space with nitrogen, adding anti-static agents, and reducing pump flow velocity during transfer to 1 meter/second or less. Consult NFPA 77, NFPA 69 and API RP 2003 for additional information and preventive measures.

**Storage Procedures:** Store as OSHA Class IIIA combustible liquid. Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty oil containers can contain explosive vapors. Wash thoroughly after handling. Do not store with strong oxidizers.

**Additional Information:** Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Take a shower after work if general contact occurs. Remove oil-soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves.

### SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Personal Protection:** Applicable mainly to persons in repeated contact situations such as packaging of product, service/maintenance, and cleanup/spill control personnel.

**Respiratory Protection:** None required if airborne concentrations are maintained below threshold limits listed on page 1. Otherwise a respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed. Where misting may occur, wear an MSHA/NIOSH approved (or equivalent) half-mask form dust/mist air-purifying respirator.

**Eye Protection:** Eye protection is always recommended. If material is handled such that it could be splashed into the eyes, wear safety glasses with side shields or vented/splash proof goggles (ANSI Z87.1 or approved equivalent).

**Hand Protection:** Impervious gloves such as neoprene or nitrile rubber to avoid skin sensitization and absorption.

**Other Protection:** Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. If handling hot material use insulated protective equipment. Launder soiled clothes. Properly dispose of contaminated leather articles and other materials, which cannot be decontaminated.

**Local Control Measures:** Use adequate ventilation to keep oil mists of this material below applicable standard(s). See Section on occupational exposure limits.

**Other:** Consumption of food and drink should be avoided in work areas where product is present. Always wash hands and face with soap and water before eating, drinking, or smoking.

**Exposure Limit (Total)** 200 mg/m<sup>3</sup> as a hydrocarbon vapor over an 8 hour daily exposure (ACGIH)  
5 mg/m<sup>3</sup> as manganese over an 8 hour daily exposure (ACGIH)

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Vapor Pressure:** 0.9 mmHg @ 68°F

**Gravity** by ASTM D 1298:

Specific Gravity @ 15.6°C 0.780

**Solubility** Negligible in water, soluble in hydrocarbon solvents

**Percent Volatile:** 100%

**Vapor Density, Air = 1:** >1 at STP

**Evaporation Rate, n-Butyl Acetate = 1:** Negligible at STP

**Odor:** Kerosene

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**Appearance:** Clear fluid  
**Viscosity** by ASTM D 445:  
cSt at 40°C (104°F) 1.40  
**Boiling Point:** IBP > 179°C (> 355°F)  
**Molecular Weight:** 163.6.

### SECTION 10 STABILITY AND REACTIVITY

**Stability:** Material is stable at room temperature and pressure.  
**Conditions To Avoid:** Avoid high temperatures and product contamination.  
**Incompatibility With Other Materials:** Avoid contact with acids and oxidizing materials.  
**Decomposition Products:** Incomplete combustion may produce carbon monoxide and other asphyxiants  
**Hazardous Polymerization:** Will not occur.

### SECTION 11 TOXICOLOGICAL INFORMATION

**Oral Toxicity:** Tests on similar materials indicate an order of acute oral toxicity  
**Dermal Toxicity:** May cause irritation or dermatitis with prolonged and repeated contact  
**Inhalation Toxicity:** Acute toxicity expected on inhalation.  
  
This product is not listed as carcinogenic or a potential carcinogen by the National Toxicology Program, by the I. A. R. C. monographs or by OSHA. Therefore, if the precautions outlined in this bulletin are followed to minimize repeated or prolonged skin contact which could cause irritation, these oils should pose no carcinogenic hazard to humans. Prolonged repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Nevertheless, good industrial hygienic practices are recommended.  
**Dermal Sensitization:** Prolonged or repeated contact may make skin more sensitive to other skin sensitizers. Based on data from similar materials  
**Chronic Toxicity:** Not determined  
**Carcinogenicity:** Not determined  
**Mutagenicity:** Not determined  
**Reproductive Toxicity:** Not determined  
**Teratogenicity:** Not determined  
**Other:** If aspirated into lungs, may cause irritation

### SECTION 12 ECOLOGICAL INFORMATION

**Environmental Toxicity:** If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.  
**Environmental Fate:** This product is rapidly biodegradable. Biodegradation is possible within 90 to 120 days in aerobic environments at temperatures above 70°F (21°C).

### SECTION 13 DISPOSAL CONSIDERATIONS

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**Waste Disposal:** Product as supplied does not meet the characteristics of a hazardous waste as defined in 40 CFR 261.21-24. If mixed with other products, waste mixture must be characterized. DO NOT dispose of this product in drains or storm sewers.

**Disposal Consideration:** DO NOT dispose of this product in a landfill without prior solidification. Waste product should be recycled. Consider waste brokering. Waste product should be recycled. Consider waste brokering.

### SECTION 14 TRANSPORT INFORMATION

#### U.S. DOT Information

**Bulk Shipping Description:** Petroleum Distillates, n.o.s., Combustible Liquid, UN1268, PG III

**Non-Bulk Shipping Description:** Petroleum Distillates, n.o.s., Combustible Liquid, UN1268, PG III

**Identification Number:** UN 1268

**Hazard Classification:** Class 3, Packaging III

**Other:** See 49 CFR for additional requirements for descriptions, allowed modes of transport, and packaging. For more information concerning spills during transport, consult latest DOT Emergency Response Guidebook for Hazardous Materials Incidents, DOT P 5800.3.

### SECTION 15 REGULATORY INFORMATION

**Clean Water Act/Oil Pollution Act:** Under Section 311 of the Clean Water Act (40 CFR 110) and the Oil Pollution Control Act of 1990, this material is considered an oil. Any spills or discharges that produce a visible sheen or film on surface of water, or in waterways, ditches, or sewers leading to surface water must be reported. Contact the National Response Center at 800-424-8802.

**TSCA:** All components of this material are listed in the U.S. TSCA Inventory.

**Other TSCA:** Not applicable.

**SARA Title III:**

Section 302/304	Extremely Hazardous Substances:	None
Section 311/312	<u>Hazard Categorization:</u>	
	Acute (immediate health effects):	Yes
	Chronic (delayed health effects):	No
	Fire (hazard):	No
	Reactivity (hazard):	No
	Pressure (sudden release hazard):	No

Section 313 Toxic Chemicals: None

**CERCLA:**

For stationary sources - reportable quantity:	Not determined.
Due to:	Not applicable.
For moving sources - reportable quantity:	Not determined.
Due to:	Not applicable.

No chemicals in this product are subject to the reporting requirements of CERCLA Section 101(14)(F). When this product is used in a mixture, or as an ingredient in another product, or in a manufacturing operation, the petroleum exclusion may terminate and an accidental spill may require reporting to the National Response Center.

**Canadian Regulatory Information** The components of this product are listed on the Canadian (DSL) Domestic Substances List

**European (ECC) Regulatory Information** The components of this product are listed on the European Inventory of Existing Commercial Substances. EINECS# 265-149-8

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California Prop. 65:

Not applicable.

### SECTION 16

### OTHER INFORMATION

	NFPA 704	NPCA-HMIS	KEY
HEALTH:	1	1	0 = Minimal
FIRE:	2	2	1 = Slight
REACTIVITY:	0	0	2 = Moderate
SPECIFIC HAZARD:	NONE	N/A	3 = Serious
PROTECTION INDEX:	N/A	B	4 = Severe

**Precautionary Labels:** COMBUSTIBLE

This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, Cross Packaging must rely upon information provided by the material manufacturers or distributors.

Prepared by: David Collins  
File: SafeGard Safety Solvent

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