Material Safety Data Sheet

SOLTROL ® 130 ISOPARAFFIN SOLVENT

November 15, 2002
MSDS #: 29020
Revision#: 2

CHEVRON PHILLIPS CHEMICAL COMPANY LP
10001 Six Pines Drive
The Woodlands, TX 77380

PHONE NUMBERS
HEALTH:
Chevron Phillips Emergency Information Center 866.442.9628 (North America) and 1.832.813.4984(International)
TRANSPORTATION:
North America: CHEMTREC 800.424.9300 or 703.527.3887
ASIA: 1.703.527.3887
EUROPE: BIG .32.14.584545 (phone) or .32.14.583516 (telefax)
SOUTH AMERICA SOS-Cotec
Inside Brazil: 0800.111.767
Outside Brazil: 55.19.3467.1600
Technical Services: (832) 813-4862
For Additional MSDSs: (800) 852-5530

A. Product Identification

Synonyms:	Not Established
Chemical Name:	C10-C13 Isoalkanes
Chemical Family:	Aliphatic hydrocarbon
Chemical Formula:	Mixture
CAS Reg. No.:	68551-17-7
Product No.:	AP1300

Product and/or Components Entered on EPA's TSCA Inventory: YES
This product is in U.S. commerce, and is listed in the Toxic Substances Control Act (TSCA) Inventory of Chemicals; hence, it may be subject to applicable TSCA provisions and restrictions.

Canadian Inventory Listing Status: DSL
All ingredients are listed in the Domestic Substances List (DSL).
Impurities are exempt in accordance with Section 3 of the Canadian Environmental Protection Act (CEPA).

B. Components

	CAS	%	OSHA	ACGIH

Ingredients	Number	By Wt.	PEL	TLV
C10-C13 Isoalkanes	68551-17-7	100	NE	NE

C. Personal Protection Information

Ventilation: Use adequate ventilation to control concentration below recommended exposure limits.

Respiratory Protection: Not generally required. For concentrations exceeding the recommended exposure limit, use NIOSH/MSHA approved air purifying respirator.

Eye Protection: Use safety glasses with side shields. For splash protection, use chemical goggles and face shield.

Skin Protection: Avoid unnecessary skin contamination with material. Use gloves resistant to the material being used. (eg. neoprene or Viton).

NOTE: Personal protection information shown in Section C is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

D. Handling and Storage Precautions

Avoid contact with eyes, skin or clothing. Avoid breathing vapors, mist, fume or dust. Do not swallow. May be aspirated into lungs. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Wash thoroughly after handling. Launder contaminated clothing before reuse. Use with adequate ventilation.

Keep away from heat, sparks and flame. Store in well-ventilated area. Store in tightly closed container. Bond and ground during transfer.

E. Reactivity Data

Stability: Stable
Conditions to Avoid: Not Applicable
Incompatibility (Materials to Avoid): Oxygen and strong oxidizing agents

Hazardous Polymerization: Will Not Occur
Conditions to Avoid: Not Applicable
Hazardous Decomposition Products: Carbon oxides formed when burned.

F. Health Hazard Data

Recommended Exposure Limits:

Acute Effects of Overexposure:

Eye: May be mildly irritating.

Skin: May be mildly irritating. Dermal LD50 for Soltrol ® 130 is 15.4 g/kg (rabbit).

Inhalation: May cause headache, dizziness, nausea, unconsciousness. The inhalation LC50 for Soltrol® 130 in rats after a six hour exposure period and a fourteen day post exposure observation period was greater than 1277 ppm.

Ingestion: May irritate the stomach and intestines. The oral LD50 for Soltrol® 130 in rats is greater than 34.6 g/kg (rat). If swallowed, may be aspirated resulting in inflammation and possible fluid accumulation in the lungs.

Subchronic and Chronic Effects of Overexposure:

Some isoparaffins have produced kidney damage in male rats only. No comparable kidney disease is known to occur in humans.

Monkeys sustaining subacute exposures to airborne concentrations of 654 ppm Soltrol ® 130, six hours/day, three days/week for 13 total exposures showed no significant treatment-related effects.

Other Health Effects:

A Similar material was evaluated for developmental toxicity in rats. They were neither embryotoxic nor teratogenic. This material was consistently negative in standard genotoxicity assays (does not interact with genetic material, DNA).

Health Hazard Categories:

	Animal	Human		Animal	Human
Known Carcinogen	___	___	Toxic	___	___
Suspect Carcinogen	___	___	Corrosive	___	___

Mutagen	___	___	Irritant	___	___
Teratogen	___	___	Target Organ Toxin	_X_	_X_
Allergic Sensitizer	___	___	Specify - Lung-Aspiration Hazard		
Highly Toxic	___	___			

Canadian WHIMS:

CLASS D: POISONOUS AND INFECTIOUS MATERIAL CATEGORIES

1. Materials Causing Immediate and Serious Toxic Effects

   A. Very Toxic _____
   B. Toxic _____

2. Materials Causing Other Toxic Effects

   A. Very Toxic

      1. Chronic Toxic Effects _____
      2. Teratogen/Embryo Toxin _____
      3. Carcinogen _____
      4. Reproductive Toxin _____
      5. Respiratory Tract Sensitizer _____
      6. Mutagen _____

   B. Toxic

      1. Chronic Toxic Effects _____
      2. Skin or Eye Irritant _____
      3. Skin Sensitizer _____
      4. Mutagen _____

   Specify: Does not meet the criteria for hazard classification specified by the Hazardous Products Act Controlled Products Regulations.

   Other: Lung - Aspiration Hazard

First Aid and Emergency Procedures:

Eye: Flush eyes with running water for at least fifteen minutes. If irritation or adverse symptoms develop, seek medical attention.

Skin: Wash skin with soap and water for at least fifteen minutes. If irritation or adverse symptoms develop, seek medical attention.

Inhalation: Remove from exposure. If breathing is difficult, give oxygen. If breathing ceases, administer artificial respiration followed by oxygen. Seek immediate medical attention.

Ingestion: Do not induce vomiting. Seek immediate medical attention.

Note to Physician: Gastric lavage using a cuffed endotracheal tube may be performed at your discretion.

G. Physical Data

Appearance:	Colorless liquid
Odor:	Mild
Boiling Point:	357-408F (181-209C)
Vapor Pressure:	1.5 mm Hg @ 100F (38C)
Vapor Density (Air = 1):	> 3
Solubility in Water:	Negligible
Specific Gravity (H2O = 1):	0.762 at 60/60F (15.6/15.6C)
Percent Volatile by Volume:	100
Evaporation Rate (Butyl Acetate = 1):	< 1
Viscosity:	1.55 cSt @ 100F (38C)

H. Fire and Explosion Data

Flash Point (Method Used):	142F (61.1C) (TCC, ASTM D56) 144F (62.2C) (PMCC, ASTM D93)
Flammable Limits (% by Volume in Air):	LEL - 1.1% (estimated) UEL - 6.1% (estimated)
Fire Extinguishing Media:	Dry chemical, foam or carbon dioxide (CO2)
Special Fire Fighting Procedures:	Evacuate area of all unnecessary personnel. Use NIOSH/MSHA approved self-contained breathing apparatus and other protective equipment and/or garments described in Section C if exposure conditions warrant. Shut off source if possible. Water fog or spray may be used to cool exposed containers and equipment. Do not spray water directly on fire - product will float and could be reignited on surface of water.
Fire and Explosion Hazards:	Carbon oxides formed when burned. Highly flammable vapors which are heavier than air may accumulate in low areas and/or spread along ground away from handling site. Flash back along vapor trail is possible.

I. Spill, Leak and Disposal Procedures

Precautions Required if Material is Released or Spilled:

Evacuate area of all unnecessary personnel. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Shut off source if possible and contain spill. Protect from ignition. Keep out of water sources and sewers. Absorb in dry, inert material (sand, clay,

etc.). Transfer to disposal drums using non-sparking equipment.

Waste Disposal (Insure Conformity with all Applicable Disposal Regulations):
Incinerate of otherwise manage at a RCRA permitted waste management facility.

J. DOT Transportation

Shipping Name:	Hydrocarbons, liquid, n.o.s.
Hazard Class:	Combustible liquid
ID Number:	UN3295
Packing Group:	III
Marking:	N/A
Label:	None
Placard:	Combustible/3295
Hazardous Substance/RQ:	Not Applicable
Shipping Description:	Hydrocarbons, liquid, n.o.s., Combustible liquid, UN3295, III
Packaging References:	49 CFR 173.150, 173.203, 173.241

NOTE: This product has been reclassed in accordance with 49 CFR 173.150(f), so the reference to Class 3 is modified to read "Combustible liquid" (49 CFR 172.101(d)(4). This product is not regulated by DOT when shipped domestically, in non-bulk packaging.

K. RCRA Classification - Unadulterated Product as a Waste

Ignitable (D001)

Prior to disposal, consult your Environmental contact to determine if TCLP (Toxicity Characteristic Leaching Procedure, EPA Test Method 1311) is required. Reference 40 CFR Part 261.

L. Protection Required for Work on Contaminated Equipment

Contact immediate supervisor for specific instructions before work is initiated. Wear protective equipment and/or garments described in Section C if exposure conditions warrant.

M. Hazard Classification

_X_ This product meets the following hazard definition(s) as defined by

the Occupational Safety and Health Hazard Communication Standard (29 CFR Section 1910.1200):

_X_ Combustible Liquid	___ Flammable Aerosol	___ Oxidizer
___ Compressed Gas	___ Explosive	___ Pyrophoric
___ Flammable Gas	_X_ Health Hazard (Section F)	___ Unstable
___ Flammable Liquid	___ Organic Peroxide	___ Water Reactive
___ Flammable Solid		

___ Based on information presently available, this product does not meet any of the hazard definitions of 29 CFR Section 1910.1200.

Canadian WHIMS:

Class B:Flammable and Combustible Material

N. Additional Comments

REVISION STATEMENT
This revision updates Section H.

SARA 313

As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

NFPA 704 Hazard Codes ---------- Signals

		Least - 0
Health	: 0	Slight - 1
Flammability	: 2	Moderate - 2
Reactivity	: 0	High - 3
Special Haz.	: -	Extreme - 4

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by EHS Product Stewardship Group, Chevron Phillips Chemical Company LP, 10001 Six Pines Drive, The Woodlands, TX 77380