

# MATERIAL SAFETY DATA SHEET

## MANUFACTURER:

STAR BRITE  
4041 S. W. 47 Avenue  
Ft. Lauderdale, FL 33314

EMERGENCY (CHEMTREC): 1-800-424-9300 or 703-527-3887  
INFORMATION PHONE: 1-954-587-6280  
DATE: May 12, 2007 Replaces: May 17, 2006  
HMIS: H-1, F-1, R-0

## PRODUCT IDENTIFICATION

TRADE NAME: STAR BRITE PTEF® TRAILER  
HITCH LUBRICANT  
PRODUCT NO: 85804

CHEMICAL NAME: Synthetic wax based grease

## Hazardous Ingredients

None

## Non-Hazardous Ingredients

Polytetrafluoroethylene	CAS	9002-84-0
Technical white oil	CAS	8042-47-5

## PHYSICAL DATA

Boiling point	>600° F	Appearance	White paste
% Non-volatiles	82-85%	Odor	None
Water solubility	Insoluble	Specific Gr.	0.88

## FIRE AND EXPLOSION DATA

Flash Point	>430° F (221° C)	UEL (upper explosive limit)	na
LEL (lower explosive limit)	na	Hazardous combustion products	Carbon dioxide, carbon monoxide, hydrogen fluoride, carbonyl fluoride
Extinguishing media			Water spray, dry chemical, foam, CO2
Special fire fighting procedures			Treat as Class C fire. Wear self-contained breathing apparatus and protective clothing. Use water fog to cool closed containers.
Unusual fire and explosion hazards			Unvented, closed containers may explode when exposed to extreme heat.

## REACTIVITY DATA

Stability	Stable
Incompatibility	Strong oxidizers
Hazardous polymerization	Should not occur
Hazardous decomposition products	Carbon dioxide, carbon monoxide. Above 536BF, toxic gaseous materials can evolve such as hydrogen fluoride, carbonyl fluoride, tetrafluoroethylene perfluoroisobutylene or hexafluoropropylene.

## HEALTH HAZARD DATA

Expected route of entry	Inhalation
Exposure limits	Wax fumes Pet. Distillates 2000 mg/m3 TLV/TWA 2 mg/m3 (ACGIH)
Effects of acute exposure	
Inhalation	Low hazard for normal use. Inhalation of decomposition products can cause dizziness, headache, respiratory irritation.
Eyes	Minimally irritating.
Skin	Minimally irritating.
Ingestion	Do not ingest. Ingestion of small quantities usually not fatal unless aspiration occurs.

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HEALTH HAZARD DATA (cont'd)

Carcinogenicity	IARC	Not listed
	NTP	Not listed
	OSHA	Not listed
	ACGIH	Not listed

Medical conditions potentially aggravated by exposure: Asthma, lung diseases, skin allergies

First aid

Inhalation	Not likely to be hazardous by inhalation at ambient temperature. If exposed to decomposition fumes, move to fresh air. Consult physician if necessary.
Skin contact	Wash with soap and water. If molten polymer gets on skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Get medical treatment for thermal burn.
Eye contact	Wash with excessive amount of water. Get medical attention.
Ingestion	Do not induce vomiting due to aspiration hazard. If vomiting occurs lower head below knees to avoid aspiration. Get immediate medical attention.

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PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Procedure	Sweep up or shovel into steel container for recycling or disposal.
Disposal	Recycle or dispose of in approved chemical landfill.
Handling	Avoid overheating unvented containers.
Storage	Keep in closed containers away from heat, sparks or open flame. This product is not classified as hazardous under DOT regulations.

Special protection information

Respiratory protection	Normally not required. Use organic vapor respirator if vapors present.
Eye Protection	Safety glasses with side shields or goggles.
Skin	Impervious gloves and clothing as needed to prevent repeated or prolonged contact.
Ventilation	Sufficient to keep vapor concentration below acceptable limits.

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TRANSPORTATION

D.O.T. Proper Shipping Name: Not regulated

IATA: Not regulated

IMDG: Not regulated

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The information above is provided without warranty of any kind. Users must make their own determinations concerning the safety and health of employees, customers and the environment.