

MSDS NO. 61020

PRODUCT HRTLRD HONDA P/S 12 OZ. 12/96.

REVISION

REV. DATE 03/28/96

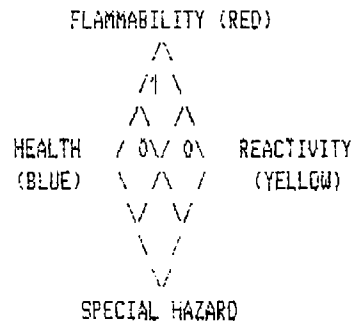
DATE 06/27/96

01. PRODUCT IDENTIFICATION

CHEMICAL NAME: PETROLEUM OIL  
SYNONYM(S)/COMMON NAME(S):  
POWER STEERING FLUID

CHEM FORMULA: NA MIXTURE  
CAS NUMBER: NA MIXTURE

DOT SHIP NAME: NON-HAZARDOUS MATERIAL  
DOT HAZ CLASS: NON-HAZARDOUS MATERIAL  
DOT ID NUMBER: N/A



02. HAZARDOUS INGREDIENTS

INGREDIENT	OSHA PEL / ACGIH TLV	CAS NUMBER	PERCENT
*Trixylenyl phosphate Solvent-dewaxed heavy paraffinic petroleum distillates	5mg/m3 / 5mg/m2	25155231	.1-.99%
Severely solvent-refined hydrotrated light naphthenic petroleum distillates	5mg/m3 / 5mg/m3	64742650	65-77.99%
	5mg/m3 / 5mg/m3	64742536	20-54.99%

\*Hazardous according to OSHA (1910.1200) or one or more state  
Right-To-Know lists.

03. PHYSICAL CHARACTERISTICS

PH  
NOT APPLICABLE.

VISCOSITY

03. PHYSICAL CHARACTERISTICS

(CONTINUED)

36.0 CST @ 40 DEG. C

04. FIRE AND EXPLOSION DATA

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS  
CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES AND KEYTONES, COMBUSTION  
PRODUCTS OF NITROGEN AND PHOSPHORUS.

"EMPTY" CONTAINER WARNING

WASTE CLASSIFICATION: PRODUCT HAS BEEN EVALUATED FOR RCRA  
CHARACTERISTICS AND DOES NOT MEET CRITERIA OF A HAZARDOUS  
WASTE IS DISCARDED IN ITS PURCHASED FORM.

UNDER RCRA, IT IS THE RESPONSIBILITY OF THE USER OF PRODUCTS TO

DETERMINE, AT THE TIME OF DISPOSAL, WHETHER PRODUCTS MEETS RCRA  
CRITERIA FOR HAZARDOUS WASTE. THIS IS BECAUSE PRODUCTS USES,  
TRANSFORMATIONS, MIXTURE, PROCESSES, ETC. MAY RENDER THE RESULTING  
MATERIAL HAZARDOUS.

CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL  
AND SHOVEL UP.

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES

ACCORDING TO THE NATIONAL FIRE PROTECTION GUIDE, USE WATER SPRAY, DRY  
CHEMICAL, FOAM, OR CARBON DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING.  
USE WATER TO COOL FIRE-EXPOSED CONTAINERS. IF A LEAK OR SPILL HAS NOT  
IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROVIDE  
PROTECTION FOR PERSONS ATTEMPTING TO STOP THE LEAK.

FLASH POINT (MINIMUM)

385 DEG. F (COC)

FLAMMABLE OR EXPLOSIVE LIMITS (APRX. % BY VOLUME IN AIR)  
NOT DETERMINED.

05. REACTIVITY DATA

REACTIVITY

THIS MATERIAL REACTS VIOLENTLY WITH: STRONG OXIDIZERS.

06. HEALTH HAZARD DATA

EFFECT OF OVEREXPOSURE (Signs and symptoms of exposure)

ACUTE: EYES: BELIEVED TO BE MINIMALLY IRRITATING

SKIN: BELIEVED TO BE MINIMALLY IRRITATING.

RESPIRATORY SYSTEM: BELIEVED TO BE MINIMALLY IRRITATING IF  
NOT IN EXCESS OF PERMISSIBLE CONCENTRATIONS; SEE PAGE 1.

CHRONIC: NOT DETERMINED.

## EYE CONTACT

AS WITH MOST FOREIGN MATERIALS, SHOULD EYE CONTACT OCCUR, FLUSH EYES WITH PLENTY OF WATER.

## INGESTION

NO ADVERSE EFFECTS EXPECTED.

## INHALATION

BREATHING DUST OR VAPORS MAY BE IRRITATING TO NOSE AND THROAT.

## NATURE OF HAZARD

SYMPTOMS OF EXPOSURE: NONE EXPECTED OTHER THAN POSSIBLE BENIGN IRRITATION.

## SKIN CONTACT

NONE CONSIDERED NECESSARY

## TOXICITY INFORMATION

SEE PAGE 2, SECTION E, HEALTH AND HAZARD INFORMATION, VARIABILITY AMONG INDIVIDUALS, PHYSIOLOGICAL EFFECTS.

## VARIABILITY AMONG INDIVIDUALS

SENSITIZATION PROPERTIES: SKIN: UNKNOWN RESPIRATORY: UNKNOWN

## PHYSIOLOGICAL EFFECTS:

EYES: IRRITATION INDEX, ESTIMATION OF IRRITATION (SPECIES): BELIEVED TO BE 0-15/110 (RABBIT); NO APPRECIABLE EFFECT.

SKIN: IRRITATION INDEX, ESTIMATION OF IRRITATION (SPECIES): BELIEVED TO BE <0.5/8.0 (RABBIT); NO APPRECIABLE EFFECT.

MEDIAN LETHAL DOSE (LD50LC50)(SPECIFIED): BELIEVED TO BE >3 G/KG (RABBIT); PRACTICALLY NON-TOXIC.

INHALATION: MEDIAN LETHAL DOSE (LD50LC50)(SPECIES): NOT DETERMINED.

ORAL: MEDIAN LETHAL DOSE (LD50LD50)(SPECIES): BELIEVED TO BE > 5 G/KG (RAT); PRACTICALLY NON-TOXIC.

## 07. PRECAUTIONS FOR SAFE HANDLING AND USE

## PRECAUTIONS FOR HANDLING

SEE SEC 09 SPECIAL PRECAUTIONS.

## 09. INDUSTRIAL HYGIENE CONTROL MEASURES

## INDUSTRIAL HYGIENE CONTROL MEASURES

SEE SEC 09 SPECIAL PRECAUTIONS.

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09. SPECIAL PRECAUTIONS

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EYE PROTECTION

AVOID CONTACT WITH EYES. SAFETY GLASSES OR CHEMICAL SPLASH GOGGLES WHERE SPLASHING IS POSSIBLE.

OTHER PROTECTIVE EQUIPMENT

NONE NORMALLY REQUIRED.

PERSONAL HYGIENE

EXPOSED EMPLOYEES SHOULD EXERCISE REASONABLE PERSONAL CLEANLINESS; THIS INCLUDES CLEANSING EXPOSED SKIN AREAS SEVERAL TIMES DAILY. LAUNDRY CLOTHES AT LEAST TWICE WEEKLY.

PROTECTIVE GLOVES

BELIEVED TO BE MINIMALLY IRRITATING TO SKIN.

RESPIRATORY PROTECTION

BELIEVED TO BE MINIMALLY IRRITATING IF NOT IN EXCESS OF PERMISSIBLE CONCENTRATIONS.

SPILL OR LEAK PROCEDURES

CONTAIN SPILL IF POSSIBLE. WIFE UP WITH ABSORBS OR SUITABLE MATERIAL AND SHOVEL UP.

MINIMUM FEASIBLE HANDLING TEMPERATURES SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED. WATER CONTAMINATION SHOULD BE AVOIDED.

SEE PAGE 2, SECTION 9., FIRE AND EXPLOSION HAZARD INFORMATION, "EMPTY" CONTAINER WARNING, FOR ADDITIONAL INFORMATION REGARDING WASTE.

VENTILATION

ADEQUATE TO MEET COMPONENT PERMISSIBLE CONCENTRATIONS.

WORK PRACTICES / ENGINEERING CONTROLS

WASH HANDS THOROUGHLY AFTER HANDLING THIS PRODUCT AND BEFORE MEALS. SYMPTOMS OF EXPOSURE: NONE EXPECTED OTHER THAN POSSIBLE MINIMAL IRRITATION.