

MSDS *Material Safety Data Sheet*

The Penray Companies Inc.



HEAVY DUTY POWER STEERING FLUID

MSDS Number: 3964, 3912, 3932

Revision Date: 3/27/2012

Page 1 of 5

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

The Penray Companies, Inc.
440 Denniston Ct.
Wheeling, IL 60090

Contact: EH&S Manager
Phone: 847-459-5000
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Product Name: HEAVY DUTY POWER STEERING FLUID
Revision Date: 3/27/2012
Version: 7
MSDS Number: 3964, 3912, 3932
Common Name: POWER STEERING FLUID CONTAINING PETROLEUM DISTILLATES

EMERGENCY PHONE NUMBER (800) 752-7869



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MSDS Number: 3964, 3912, 3932

Revision Date: 3/27/2012

Page 2 of 5

2 HAZARDS IDENTIFICATION

Route of Entry: Skin absorption and inhalation

Target Organs: None Known

Inhalation: Respiratory irritation and dizziness

Skin Contact: Prolonged contact with skin can cause irritation. Repeated skin contact may cause persistent irritation and dermatitis

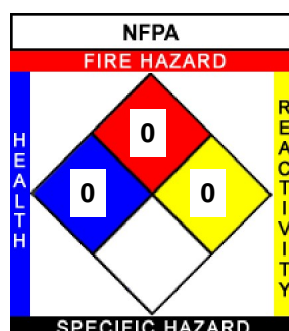
Eye Contact: Will cause irritation upon contact.

Ingestion: Product may cause discomfort, nausea, vomiting and diarrhea.

CARCINOGENICITY: Product is not considered a carcinogen by OSHA, NTP or IARC.

MEDICAL CONDITIONS: Pre-existing eye or skin conditions may be aggravated by over-exposure to this product.

NFPA: Health = 0, Fire = 0, Reactivity = 0



3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

INGREDIENT	CAS NUMBER	PERCENT WEIGHT
Hydrotreated Paraffinic Distillate	64741-88-1	40-70%
solvent naphthenic distillate	64742-53-6	10-30%
Zinc Compound	Proprietary	3-7%
Styrene copolymer ester	confidential	3-7%

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention. Inhalation hazard unlikely due to low volatility of product.

Skin Contact: Wash area with soap and water. seek medical attention if irritation persists

Eye Contact: Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention.

Ingestion: DO NOT induce vomiting. Only give CONSCIOUS victim two glasses of water and seek medical attention. NEVER give UNCONSCIOUS anything by mouth.



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MSDS Number: 3964, 3912, 3932

Revision Date: 3/27/2012

Page 3 of 5

5 FIRE FIGHTING MEASURES

Flash Point: 345 degrees F

Flash Point Method: pmcc

EXTINGUISHING MEDIA: Carbon Dioxide (CO2) Dry Chemical, Foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and can collect in low areas

FIRE FIGHTING INSTRUCTIONS: Containers can build up pressure if exposed to fire. Containers should be cooled with water supply.

FIRE FIGHTING EQUIPMENT: Self- contained breathing apparatus with full face piece operated in positive pressure mode.

6 ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PROCEDURES: Notify safety personnel ,evacuate all unnecessary personnel and provide adequate ventilation. If feasible, and without risk, clean-up personnel should stop leak. All clean up personnel should wear proper personal protective equipment.

SMALL SPILLS: Clean with inert absorbent and place in recovery drums for disposal.

LARGE SPILLS: Dike to prevent further migration of material. DO NOT release into waterways or sewers. Follow applicable federal and state regulations.

7 HANDLING AND STORAGE

Handling Precautions: Wash thoroughly after handling. Do not get into eyes, on skin or on clothing.. Do not smoke while using this product. Do not use near excessive heat, sparks, or open flame.

Storage Requirements: Store in clean, dry locations away from excessive heat. Store in areas designated for the storage of flammable liquids according to NFPA 30 (Flammable and Combustible Liquids Code)

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Eye wash station and safety shower.

General ventilation. Material non - volatile

Personal Protective Equip: EYE: Chemical splash goggles with indirect or no ventilation.

SKIN :None required

RESPIRATORY: None required ,except in emergency situations.

Never eat, drink or smoke in work area



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MSDS Number: 3964, 3912, 3932

Revision Date: 3/27/2012

Page 4 of 5

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear yellow liquid	Odor:	petroleum distillate
Physical State:	liquid	Solubility:	Not soluble in water
Spec Grav./Density:	0.91	Vapor Density:	>1
Boiling Point:	395 F		
Vapor Pressure:	<1 mmHG		

10 STABILITY AND REACTIVITY

Stability:	Material is stable.
Conditions to Avoid:	Excessive heat and open flame.
Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition:	Carbon Monoxide and Carbon Dioxide
Hazardous Polymerization:	Cannot occur.

11 TOXICOLOGICAL INFORMATION

NO DATA

12 ECOLOGICAL INFORMATION

No Data.

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable state, federal and local regulations.

14 TRANSPORT INFORMATION

DOMESTIC:
Not regulated

EXPORT:
Not regulated

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Page 5 of 5

15

REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

OSHA: Considered to be a hazardous material as defined by 29CFR1910.1200

EPA SARA TITLE III

Section 311-312 (40CFR370): If stored in excess of the threshold quantities, this product should be reported as a(n):

IMMEDIATE (acute) HEALTH HAZARD

Section 313(40CFR372) This product contains ingredients which are subject to the reporting requirements of SARA 313:

None

16

OTHER INFORMATION

CALIFORNIA PROPOSITION 65: This product does not contain ingredients which are on the current Proposition 65 list.

Notes:

NG= NOT GIVEN

BT= BETWEEN

<= LESS THAN

>= GREATER THAN

USERS RESPONSIBILITY; This MSDS provides environmental, health and safety information. This product is to be used in applications consistent with our product literature and container label. Individuals handling this product should be informed to the recommended safety precautions and have access to this MSDS. Please contact your local sales representative or our EH&S Department for further information.

END OF MSDS