

Myers Order No. 11099

# MSDS GHS Safety Data Sheet

THE PENRAY COMPANIES, INC.

## Penray 2 Step Transmission Tune-Up Kit

MSDS Number: 6537

Revision Date: 11/7/2011

Page 1 of 2

1

### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

THE PENRAY COMPANIES INC.  
440 Denniston Ct  
Wheeling, IL 60090

Contact: EH&S Manager  
Phone: (847) 459-5000  
Fax: (847)459-5043  
Web: www.penray.com

Product Name: Penray 2 Step Transmission Tune-Up Kit  
Revision Date: 11/7/2011  
Version: 1  
MSDS Number: 6537  
Common Name: 2-STEP Composed of Transmission Flush and ATF Protectant

2

### COMPOSITION/INFORMATION ON INGREDIENTS

3

### HAZARDS IDENTIFICATION

#### Ingredients:

This 2-Step kit is composed of Penray Professional Automatic Transmission Flush 6533, and Penray Universal ATF Protectant 6536

PLEASE REFER TO THE INDIVIDUAL MSDSs FOR DETAILED INFORMATION.

4

### FIRST AID MEASURES

5

### FIRE FIGHTING MEASURES

6

### ACCIDENTAL RELEASE MEASURES

# **MSDS** *GHS Safety Data Sheet* THE PENRAY COMPANIES, INC.

## Penray 2 Step Transmission Tune-Up Kit

MSDS Number: 6537

Revision Date: 11/7/2011

Page 2 of 2

7 HANDLING AND STORAGE

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

9 PHYSICAL AND CHEMICAL PROPERTIES

10 STABILITY AND REACTIVITY

11 TOXICOLOGICAL INFORMATION

12 ECOLOGICAL INFORMATION

13 DISPOSAL CONSIDERATIONS

14 TRANSPORT INFORMATION

15 REGULATORY INFORMATION

16 OTHER INFORMATION

# MSDS Material Safety Data Sheet

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## PENRAY TRANSMISSION FLUSH 6533

MSDS Number: 6533

Revision Date: 2/19/2013

Page 1 of 5

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1

### PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

THE PENRAY COMPANIES, INC.  
440 Denniston Court  
Wheeling, IL 60090

**Contact:** EH & S Depratment  
**Phone:** 847-459-5000  
**Fax:** 847-459-5043  
**Web:** www.penray.com

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**Product Name:** PENRAY TRANSMISSION FLUSH 6533  
**Revision Date:** 2/19/2013  
**Version:** 2  
**MSDS Number:** 6533  
**Common Name:** TRANSMISSION FLUSH PRODUCT CONTAINING PETROLEUM HYDROCARBONS

EMERGENCY CONTACT TELEPHONE NUMBERS 24hrs/7  
Adverse Medical: 1-800-752-7869 (24hr poison control call center)  
Transport Response:  
CHEMTREC 1-800-424-9300.  
CHEMTREC International 703-527-3887 (collect)

# MSDS Material Safety Data Sheet

## PENRAY TRANSMISSION FLUSH 6533

MSDS Number: 6533

Revision Date: 2/19/2013

Page 2 of 5

2

### HAZARDS IDENTIFICATION

**Route of Entry:** Skin absorption and inhalation

**Target Organs:** Lungs, kidneys, liver and nervous system.

**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	% WEIGHT
LIGHT HYDROTREATED NAPHTHENIC DISTILLATES (PETROLEUM)	64742-53-6	60-100%

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.

# MSDS *Material Safety Data Sheet*

## PENRAY TRANSMISSION FLUSH 6533

MSDS Number: 6533

Revision Date: 2/19/2013

Page 3 of 5

### 5 FIRE FIGHTING MEASURES

**Flash Point:** >205 F  
**Flash Point Method:** TCC

**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.

### 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

# MSDS Material Safety Data Sheet

## PENRAY TRANSMISSION FLUSH 6533

MSDS Number: 6533

Revision Date: 2/19/2013

Page 4 of 5

9

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear pale straw to water white	<b>Odor:</b>	light petroleum distillate
<b>Physical State:</b>	viscous liquid	<b>Solubility:</b>	Not soluble in water
<b>Spec Grav./Density:</b>	0.88	<b>Vapor Density:</b>	>5
<b>Boiling Point:</b>	>400 F		
<b>Vapor Pressure:</b>	<0.1 mmHG		

10

### STABILITY AND REACTIVITY

<b>Stability:</b>	Material is stable.
<b>Conditions to Avoid:</b>	Excessive heat and open flame.
<b>Materials to Avoid:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition:</b>	Carbon Monoxide and Carbon Dioxide
<b>Hazardous Polymerization:</b>	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

# MSDS *Material Safety Data Sheet*

## PENRAY TRANSMISSION FLUSH 6533

MSDS Number: 6533

Revision Date: 2/19/2013

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 a chemical known to the State of California to cause cancer, birth defects and other reproductive harm:

#### Notes:

NG=NOT GIVEN

<=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.

#### Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

This information is given in good faith and based on our current knowledge of the product.

END MSDS

# **MSDS** *Material Safety Data Sheet*

The Penray Companies Inc.

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## PENRAY UNIVERSAL ATF PROTECTANT

MSDS Number: 6536

Revision Date: 11/7/2011

Page 1 of 6

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1

### PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

THE PENRAY COMPANIES, INC.  
440 Denniston Court  
Wheeling, IL 60090

**Contact:** EH & S  
**Phone:** 847-459-5000  
**Fax:** 847-459-5043  
**Web:** [www.penray.com](http://www.penray.com)

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**Product Name:** PENRAY UNIVERSAL ATF PROTECTANT  
**Revision Date:** 11/7/2011  
**Version:** 2  
**MSDS Number:** 6536  
**Common Name:** TRANSMISSION OIL SUPPLEMENT CONTAINING PETROLEUM HYDROCARBONS

EMERGENCY PHONE NUMBER (800) 752-7869



# MSDS *Material Safety Data Sheet*

The Penray Companies Inc.

## PENRAY UNIVERSAL ATF PROTECTANT

MSDS Number: 6536

Revision Date: 11/7/2011

Page 2 of 6

2

### HAZARDS IDENTIFICATION

**Route of Entry:** Skin absorption and inhalation

**Target Organs:** Lungs, kidneys, liver and nervous system.

**Inhalation:** Respiratory irritation and dizziness

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

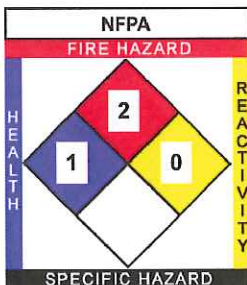
**Eye Contact:** Will cause irritation upon contact.

**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 = 1, Fire = 2, Reactivity = 0



3

### HAZARDS IDENTIFICATION

#### Ingredients:

INGREDIENT	CAS NUMBER	% WEIGHT
LIGHT HYDROTREATED NAPHTHENIC DISTILLATES (PETROLEUM)	64742-53-6	60-100%
ALKYL PHENOL	PROPRIETARY	0.1-1

# MSDS *Material Safety Data Sheet*

The Penray Companies Inc.

## PENRAY UNIVERSAL ATF PROTECTANT

MSDS Number: 6536

Revision Date: 11/7/2011

Page 3 of 6

### 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. Seek Medical Attention.

### 5 FIRE FIGHTING MEASURES

- Flash Point:** 185 F
- Flash Point Method:** TCC

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.

# MSDS Material Safety Data Sheet

The Penray Companies Inc.

## PENRAY UNIVERSAL ATF PROTECTANT

MSDS Number: 6536

Revision Date: 11/7/2011

Page 4 of 6

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

9

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear pale straw to water white	<b>Odor:</b>	light petroleum distillate
<b>Physical State:</b>	viscous liquid	<b>Solubility:</b>	Not soluble in water
<b>Spec Grav./Density:</b>	0.8822	<b>Vapor Density:</b>	>5
<b>Viscosity:</b>	20 (Centistokes)	<b>VOC:</b>	<7%
<b>Boiling Point:</b>	>400 F		
<b>Vapor Pressure:</b>	<0.1 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.

# **MSDS** *Material Safety Data Sheet* The Penray Companies Inc.

## **PENRAY UNIVERSAL ATF PROTECTANT**

MSDS Number: 6536

Revision Date: 11/7/2011

Page 5 of 6

14

### **TRANSPORT INFORMATION**

DOMESTIC:  
Not regulated

EXPORT:  
Not regulated

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  
DELAYED (Chronic) Health Hazard  
Fire Hazard

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

None

# MSDS *Material Safety Data Sheet*

The Penray Companies Inc.

## PENRAY UNIVERSAL ATF PROTECTANT

MSDS Number: 6536

Revision Date: 11/7/2011

Page 6 of 6

16

### OTHER INFORMATION

CALIFORNIA PROPOSITION 65: This product does not contain a chemical known to the State of California to cause cancer, birth defects and other reproductive harm:

\* Ethyl acrylate

\* Naphthalene

**Notes:**

NG=NOT GIVEN

<=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.

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This information is given in good faith and based on our current knowledge of the product.

END MSDS