

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 Compossed of Transmission Flush and ATF Protectant

2

COMPOSITION/INFORMATION ON INGREDIENTS

3

HAZARDS IDENTIFICATION

Ingredients:

This 2-Step kit is composded 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

PENRAY TRANSMISSION FLUSH 6533

MSDS Number: 6533

Revision Date: 2/19/2013

Page 1 of 5

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

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

Appearance: Clear pale straw to water white

Physical State: viscous liquid

Spec Grav./Density: 0.88

Boiling Point: >400 F

Vapor Pressure: <0.1 mmHG

Odor: light petroleum distillate

Solubility: Not soluble in water

Vapor Density: >5

10

STABILITY AND REACTIVITY

Stability: Material is stable.

Conditions to Avoid: Excessive heat and open flame.

Materials to Avoid: Strong oxidizing agents.

Hazardous Carbon Monoxide and Carbon Dioxide

Decomposition: Cannot occur.

Hazardous

Polymerization:

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.

PENRAY UNIVERSAL ATF PROTECTANT

MSDS Number: 6536

Revision Date: 11/7/2011

Page 1 of 6

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

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.

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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

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

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MSDS Number: 6536

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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

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END MSDS