

**Safety Data Sheet**

**Material Name: USG AUTOMATIC TRANSMISSION FLUIDS**

**SDS ID: 82492**

**\*\*\* Section 1 - Identification \*\*\***

**Product Identifier**

USG AUTOMATIC TRANSMISSION FLUIDS  
Includes: ATF Type A, ATF III, Universal ATF and CVT

**Product Code**

Prefix 24

**Synonyms**

Petroleum oil; Lube oil; Petroleum hydrocarbon; Lubricant.

**Recommended Use**

For lubrication of automatic and power-shift transmissions. If this product is used in combination with other products, refer to the Safety Data Sheet for those products.

**Restrictions on Use**

None known.

**Manufacturer Information**

US Global Petroleum  
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Franklin Park, IL 60131

Phone: 1-773-376-9660  
www.usglobalpetroleum.com

Emergency # 1-773-376-9660

**Issue Date**

March 31, 2015

**Supersedes Issue Date**

November 9, 2012

**Original Issue Date**

October 31, 1988

**\*\*\* Section 2 - Hazard(s) Identification \*\*\***

**Classification in Accordance with 29 CFR 1910.1200.**

Not regulated according to classification criteria.

**GHS LABEL ELEMENTS**

**Symbol(s)**

None needed according to classification criteria.

**Signal Word**

None needed according to classification criteria.

**Hazard Statement(s)**

None needed according to classification criteria.

**Precautionary Statement(s)**

**Prevention**

None needed according to classification criteria.

**Response**

None needed according to classification criteria.

**Storage**

None needed according to classification criteria.

**Disposal**

Dispose in accordance with all applicable regulations.

**Hazard(s) Not Otherwise Classified**

No additional information is available.

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## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

| CAS           | Component   | Percent   |
|---------------|---|-----------|
| 64742-58-1    | Lubricating oils, petroleum, hydrotreated spent                         | 57.5-92.5 |
| Mixture*      | Mixture of severely hydrotreated and hydrocracked base oil (petroleum)* | 0-30      |
| Not Available | Substituted alkyl phosphite (Canadian Reg #5624)                        | 0.13-0.63 |

### Component Related Regulatory Information

\*Mixture includes the following CAS numbers 8042-47-5, 64742-46-7, 64742-52-5, 64742-54-7, 72623-84-8, 72623-85-9, 72623-86-0, 72623-87-1, 178603-63-9, 178603-64-0, 178603-65-1, and 178603-66-2.

## \*\*\* Section 4 - First Aid Measures \*\*\*

### Description of Necessary

#### Measures Inhalation

IF INHALED: Remove victim to fresh air and keep comfortable for breathing. Get medical attention, if needed.

#### Skin

IF ON SKIN: Wash with plenty of soap and water. Get medical attention, if needed.

#### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if needed.

#### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

#### Most Important

#### Symptoms/Effects Acute

No information on significant adverse effects.

#### Delayed

No information on significant adverse effects.

#### Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident. Call 1-800-468-1760 for additional information.

## \*\*\* Section 5 - Fire-Fighting Measures \*\*\*

#### Suitable Extinguishing Media

Carbon dioxide, regular foam, dry chemical, water spray, or water fog. Water or foam may cause frothing.

#### Unsuitable Extinguishing Media

Do not use high pressure water streams.

#### Specific Hazards Arising from the Chemical

Negligible fire hazard. Avoid friction, static electricity, sparks.

#### Hazardous Combustion Products

Decomposition and combustion materials may be toxic. Burning may produce oxides of sulfur, phosphorus and nitrogen, hydrogen sulfide, alkyl mercaptans, sulfides, aldehydes, carbon dioxide, carbon monoxide and other unidentified organic compounds.

#### Special Protective Equipment and Precautions for Firefighters

A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

#### Fire Fighting Measures

Move container from fire area if it can be done without risk. Keep storage containers cool with water spray. Closed containers may rupture violently when heated. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

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NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8. Avoid release to the environment.

### Methods and Materials for Containment and Clean Up

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if possible without personal risk. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with a clean, sparkproof tool into a sealable container for disposal. Additionally, for large spills: Dike far ahead of liquid spill for collection and later disposal.

There may be specific federal regulatory reporting requirement associated with spills, leaks, or releases of this product. Also see Section 15: Regulatory Information.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Precautions for Safe Handling

Keep away from sparks or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean tools and explosion-proof equipment. When large volumes of product, metal containers, including trucks and tank cars, should be grounded and bonded. This product has a low vapor pressure and is not expected to present an inhalation hazard under normal temperatures and pressures. However, aerosolizing, misting, or heating this product, do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes.

### Conditions for Safe Storage, Including Any Incompatibilities

Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous.

### Incompatibilities

Avoid acids, alkalis, oxidizing agents, reducing agents, halogens, and halogenated hydrocarbons.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

### Appropriate Engineering Controls

Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls.

### Individual Protective Measures, such as Personal Protective Equipment

Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: Safety glasses, Gloves, and Lab coat or apron.

### Eyes/Face Protection

Safety glasses with side shields should be worn at a minimum. Additional protection, such as goggles, face shields, or respirators may be needed depending upon anticipated use and concentrations of vapors or mists. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. Contact lens use is not recommended.

### Skin Protection

Where skin contact is likely, wear neoprene, nitrile, or equivalent protective gloves; use of natural rubber or equivalent gloves is not recommended.

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## Respiratory Protection

No respiratory protection is normally required. Use NIOSH-certified P- or R- series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. Do not use N-rated respirators. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4. Consult with a health and safety professional for specific respirators appropriate for your use.

## \* \* \* Section 9 - Physical & Chemical Properties \* \* \*

**Appearance/Odor :** Amber liquid, petroleum odor.

**pH:** Not applicable

**Boiling Point:** 475°F (246°C) (minimum)

**Odor Threshold:** Not available

**Solubility (H<sub>2</sub>O):** Insoluble

**Melting Point:** Not available

**Density:** 7.2 LB/US gal (860 g/l)  
(approximately)

**Specific Gravity:** 0.86 (water = 1)  
(approximately)

**Evaporation Rate:** Not available

**Octanol/H<sub>2</sub>O Coeff.:** Not available

**LFL:** Not available

**Auto Ignition Temperature:** Not available

**UFL:** Not available

**Flash Point:** 352°F (178°C) Cleveland  
Open Cup

**Vapor Pressure:** less than 0.1 mmHg at 68°F  
(20°C)

**Viscosity:** >20.5 mm<sup>2</sup>/s @ 104°F (40°C)

## Other Property Information

No additional information is available.

## \* \* \* Section 10 - Stability & Reactivity \* \* \*

### Reactivity

No reactivity hazard is expected.

### Chemical Stability

Stable under normal temperatures and pressures.

### Possibility of Hazardous Reactions

Will not polymerize.

### Conditions To Avoid

Avoid sparks or flame and incompatible materials.

### Incompatible Materials

Avoid acids, alkalis, oxidizing agents, reducing agents, halogens, and halogenated hydrocarbons.

### Hazardous Decomposition Products

None under normal temperatures and pressures.

## \* \* \* Section 11 - Toxicological Information \* \* \*

### Toxicity Data and Information

#### Component Analysis - LD50/LC50

**Lubricating oils, petroleum, hydrotreated spent (64742-58-1)**

Dermal LD50 Rabbit >4480 mg/kg; Oral LD50 Rat >2000 mg/kg

**Mixture of severely hydrotreated and hydrocracked base oil (petroleum)\*\*\* (Mixture)**

Dermal LD50 Rabbit >2000 mg/kg; Inhalation LC50 Rat 4.6 mg/L 4 h; Oral LD50 Rat 7400 mg/kg

### Information on Likely Routes of Exposure

#### Inhalation

No information on significant adverse effects.

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## Ingestion

May be harmful if swallowed.

## Skin Contact

Prolonged or repeated exposure may cause skin irritation.

## Eye Contact

No information on significant adverse effects.

## Immediate Effects

No information on significant adverse effects.

## Delayed Effects

No information on significant adverse effects.

## Irritation/Corrosivity

May cause slight skin and respiratory irritation.

## Respiratory Sensitization

No information available for the product.

## Skin Sensitization

No information on significant adverse effects.

## Carcinogenicity Component

### Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

### Germ Cell Mutagenicity

No information available for the product.

### Teratogenicity

No information available for the product.

### Reproductive Effects

No epidemiological data is available for this product.

### Specific Target Organ Effects - Single Exposure

No information on significant adverse effects.

### Specific Target Organ Effects - Repeated Exposure

No information on significant adverse effects.

### Aspiration Hazard

No data available.

### Medical Conditions Aggravated by Exposure

Individuals with pre-existing respiratory tract (nose, throat, and lungs), eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

## \* \* \* Section 12 - Ecological Information \* \* \*

### Ecotoxicity

Harmful to aquatic life.

### Component Analysis - Ecotoxicity - Aquatic Toxicity

#### Lubricating oils, petroleum, hydrotreated spent (64742-58-1)

| Duration/Test/Species          | Concentration/Conditions | Notes |
|--------------------------------|--------------------------|-------|
| 96 Hr LC50 Brachydanio rerio   | 79.6 mg/L [semi-static]  |       |
| 96 Hr LC50 Pimephales promelas | 3.2 mg/L [semi-static]   |       |

#### Mixture of severely hydrotreated and hydrocracked base oil (petroleum)\*\*\* (Mixture)

| Duration/Test/Species          | Concentration/Conditions | Notes |
|--------------------------------|--------------------------|-------|
| 96 Hr LC50 Pimephales promelas | 35 mg/L [flow-through]   |       |
| 96 Hr LC50 Pimephales promelas | >10000 mg/L [static]     |       |

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## Persistence and Degradability

No information available for the product.

## Bioaccumulation Potential

No information available for the product.

## Mobility in Soil

No information available for the product.

## Other Adverse Effects

No additional information is available.

## \* \* \* Section 13 - Disposal Considerations \* \* \*

### Disposal Methods

Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact US Global Petroleum regarding proper recycling or disposal.

This product, if discarded, is not expected to be a characteristic or listed hazardous waste. If recycled in the USA, this product can be managed in accordance with the used oil exemption under 40 CFR Part 279. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.

## \* \* \* Section 14 - Transport Information \* \* \*

### Emergency Response Guide Number

Reference *North American Emergency Response Guidebook*.

### Transportation Regulations

**DOT Shipping Name:** Not regulated as a hazardous material.

**TDG Shipping Name:** Not regulated as a dangerous good.

## \* \* \* Section 15 - Regulatory Information \* \* \*

### Volatile Organic Compounds (As Regulated)

Negligible. As per 40 CFR Part 51.100(s)

### Federal Regulations

#### SARA 302/304

#### Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

#### SARA 311/312 Hazardous Categories

**Acute Health:** Yes **Chronic Health:** Yes **Fire:** No **Pressure:** No **Reactive:** No

#### SARA Section 313

#### Component Analysis

This product contains a "toxic" chemical subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

|  |  |
|--|--|
| <b>Zinc, dithiophosphate** (Proprietary)</b> | 1.0 % de minimis concentration (related to Zinc compounds) |
| <b>Toluene (108-88-3)</b>                    | 1.0 % de minimis concentration                             |
| <b>Diphenylamine (122-39-4)</b>              | 1.0 % de minimis concentration                             |

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## CERCLA

### Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product contains the following "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4 with the following reportable quantities (RQ):

**Toluene (108-88-3)**

1000 lb final RQ; 454 kg final RQ

## TSCA Inventory

All the components of this product are listed on, or are automatically included as "naturally occurring chemical substances" on, or are exempted from the requirement to be listed on, the TSCA Inventory.

### Component Analysis

| Component  | CAS #       | TSCA |
|--|-------------|------|
| Lubricating oils, petroleum, hydrotreated spent                        | 64742-58-1  | Yes  |
| Mixture of severely hydrotreated and hydrocracked base oil (petroleum) | Mixture     | Yes  |
|  | Proprietary | No   |
|  | Proprietary | Yes  |
|  | Proprietary | Yes  |
|  | Proprietary | Yes  |

## U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

This product does not contain any chemical known to the State of California to cause cancer.

This product does not contain any chemical known to the State of California to cause birth defects or other reproductive harm.

## Canadian Regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR. This product contains a proprietary component (substituted alkyl phosphite) that is registered with Canada (registration number is 5624).

### Component Analysis

| Component  | CAS #       | CAN |
|--|-------------|-----|
| Lubricating oils, petroleum, hydrotreated spent                        | 64742-58-1  | DSL |
| Mixture of severely hydrotreated and hydrocracked base oil (petroleum) | Mixture     | DSL |
|  | Proprietary | No  |
|  | Proprietary | DSL |
|  | Proprietary | DSL |
|  | Proprietary | DSL |
| Polydimethylsiloxane**   | 63148-62-9  | DSL |

## Canadian WHMIS Information

No classification is assigned based on classification criteria.

### Component Analysis

Not regulated.

\* \* \* Section 16 - Other Information \* \* \*

## Revision Information

Reformat to OSHA HazCom 29 CFR 1910.1200 adoption of GHS Revision 3.

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### Key/Legend

ACGIH - American Conference of Governmental Industrial Hygienists; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of LIsts™ - ChemADVISOR's Regulatory Database; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

### Disclaimer

User assumes all risks incident to the use of this (these) product(s). To the best of our knowledge, the information contained herein is accurate. However, US Global Petroleum assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the product(s) as supplied to the user.

End of Sheet 82492