

## 1. Identification

**Product identifier** Motor Medic Universal Power Steering Fluid with Stop Leak

### Other means of identification

**SDS number** M2713  
**Part No.** M2713, M2732, M2734  
**Tariff code** 2710.19.3040

**Recommended use** Power Steering Fluid

**Recommended restrictions** None known.

### Manufacturer/Importer/Supplier/Distributor information

#### Manufacturer

**Company name** RSC Chemical Solutions  
**Address** 600 Radiator Road  
 Indian Trail, NC 28079  
 United States  
**Telephone** Customer Service: (704) 821-7643  
 Technical: (704) 684-1811  
**Website** www.rscbrands.com  
**E-mail** Not available.  
**Emergency phone number** Emergency Telephone: (303) 623-5716  
 Emergency Contact: RMPDC (877-740-5015)

## 2. Hazard(s) identification

**Physical hazards** Not classified.

**Health hazards** Germ cell mutagenicity Category 1B  
 Carcinogenicity Category 1B  
 Reproductive toxicity Effects on or via lactation

**Environmental hazards** Hazardous to the aquatic environment, acute hazard Category 3  
 Hazardous to the aquatic environment, long-term hazard Category 3

**OSHA defined hazards** Not classified.

### Label elements



**Signal word** Danger

**Hazard statement** May cause genetic defects. May cause cancer. May cause harm to breast-fed children. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

### Precautionary statement

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Avoid contact during pregnancy/while nursing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** If exposed or concerned: Get medical advice/attention.

**Storage** Store locked up.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

|                                                  |                                                                                                                                                                                                             |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.                                                                                                                                                                                                 |
| <b>Supplemental information</b>                  | 86.65% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 86.53% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                                          | Common name and synonyms | CAS number | %         |
|--------------------------------------------------------|--------------------------|------------|-----------|
| Distillates (petroleum), Hydrotreated Heavy Naphthenic |                          | 64742-52-5 | 80 - < 90 |
| Chloroalkanes (c=14-17)                                |                          | 85535-85-9 | < 1       |
| Petroleum naphtha                                      |                          | 64742-94-5 | < 1       |
| Other components below reportable levels               |                          |            | 10 - < 20 |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

|                                                                               |                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | Move to fresh air. Call a physician if symptoms develop or persist.                                                                                                                                                                                                                                       |
| <b>Skin contact</b>                                                           | Wash off with soap and water. Get medical attention if irritation develops and persists.                                                                                                                                                                                                                  |
| <b>Eye contact</b>                                                            | Rinse with water. Get medical attention if irritation develops and persists.                                                                                                                                                                                                                              |
| <b>Ingestion</b>                                                              | Rinse mouth. Get medical attention if symptoms occur.                                                                                                                                                                                                                                                     |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Direct contact with eyes may cause temporary irritation.                                                                                                                                                                                                                                                  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.                                                                                                                                                                                    |
| <b>General information</b>                                                    | IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. |

### 5. Fire-fighting measures

|                                                                      |                                                                                               |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).                                   |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                        |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed.                                         |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| <b>Fire fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk.                                 |
| <b>Specific methods</b>                                              | Use standard firefighting procedures and consider the hazards of other involved materials.    |
| <b>General fire hazards</b>                                          | No unusual fire or explosion hazards noted.                                                   |

### 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.                                                                                                                                                                                                                                       |
| <b>Methods and materials for containment and cleaning up</b>               | <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p> |

**Environmental precautions**

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

**7. Handling and storage****Precautions for safe handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Provide adequate ventilation. Do not breathe mist or vapor. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

**8. Exposure controls/personal protection****Occupational exposure limits****US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components                                                              | Type | Value                                         | Form  |
|-------------------------------------------------------------------------|------|-----------------------------------------------|-------|
| Distillates (petroleum), Hydrotreated Heavy Naphthenic (CAS 64742-52-5) | PEL  | 5 mg/m3                                       | Mist. |
| Petroleum naphtha (CAS 64742-94-5)                                      | PEL  | 2000 mg/m3<br>500 ppm<br>400 mg/m3<br>100 ppm |       |

**US. ACGIH Threshold Limit Values**

| Components                                                              | Type | Value     | Form                |
|-------------------------------------------------------------------------|------|-----------|---------------------|
| Distillates (petroleum), Hydrotreated Heavy Naphthenic (CAS 64742-52-5) | TWA  | 5 mg/m3   | Inhalable fraction. |
| Petroleum naphtha (CAS 64742-94-5)                                      | TWA  | 200 mg/m3 | Non-aerosol.        |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components                                                              | Type    | Value      | Form  |
|-------------------------------------------------------------------------|---------|------------|-------|
| Distillates (petroleum), Hydrotreated Heavy Naphthenic (CAS 64742-52-5) | Ceiling | 1800 mg/m3 |       |
|                                                                         | STEL    | 10 mg/m3   | Mist. |

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Exposure guidelines****US ACGIH Threshold Limit Values: Skin designation**

Petroleum naphtha (CAS 64742-94-5)

Can be absorbed through the skin.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Chemical respirator with organic vapor cartridge and full facepiece.

**Skin protection****Hand protection**

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

**Other**

Use of an impervious apron is recommended.

**Respiratory protection**

Chemical respirator with organic vapor cartridge and full facepiece.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties**

|                                                     |                                       |
|-----------------------------------------------------|---------------------------------------|
| <b>Appearance</b>                                   | Liquid. Clear.                        |
| <b>Physical state</b>                               | Liquid.                               |
| <b>Form</b>                                         | Liquid.                               |
| <b>Color</b>                                        | Yellow.                               |
| <b>Odor</b>                                         | Naphthenic                            |
| <b>Odor threshold</b>                               | Not available.                        |
| <b>pH</b>                                           | Not available.                        |
| <b>Melting point/freezing point</b>                 | Not available.                        |
| <b>Initial boiling point and boiling range</b>      | 680 °F (360 °C) estimated             |
| <b>Flash point</b>                                  | > 205.0 °F (> 96.1 °C) Tag Closed Cup |
| <b>Evaporation rate</b>                             | Not available.                        |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                       |
| <b>Upper/lower flammability or explosive limits</b> |                                       |
| <b>Flammability limit - lower (%)</b>               | Not available.                        |
| <b>Flammability limit - upper (%)</b>               | Not available.                        |
| <b>Explosive limit - lower (%)</b>                  | Not available.                        |
| <b>Explosive limit - upper (%)</b>                  | Not available.                        |
| <b>Vapor pressure</b>                               | Not available.                        |
| <b>Vapor density</b>                                | Not available.                        |
| <b>Relative density</b>                             | Not available.                        |
| <b>Solubility(ies)</b>                              |                                       |
| <b>Solubility (water)</b>                           | Not available.                        |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                        |
| <b>Auto-ignition temperature</b>                    | 500 °F (260 °C) estimated             |
| <b>Decomposition temperature</b>                    | Not available.                        |
| <b>Viscosity</b>                                    | Not available.                        |
| <b>Other information</b>                            |                                       |
| <b>Density</b>                                      | 7.42 lbs/gal                          |
| <b>Explosive properties</b>                         | Not explosive.                        |
| <b>Flammability class</b>                           | Combustible IIIB estimated            |
| <b>Oxidizing properties</b>                         | Not oxidizing.                        |
| <b>Specific gravity</b>                             | 0.89                                  |

**10. Stability and reactivity**

|                                           |                                                                                               |
|-------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.                                                   |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                   |
| <b>Conditions to avoid</b>                | Avoid temperatures exceeding the flash point. Contact with incompatible materials.            |
| <b>Incompatible materials</b>             | Strong oxidizing agents.                                                                      |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.                                                |

## 11. Toxicological information

### Information on likely routes of exposure

|              |                                                          |
|--------------|----------------------------------------------------------|
| Inhalation   | Prolonged inhalation may be harmful.                     |
| Skin contact | No adverse effects due to skin contact are expected.     |
| Eye contact  | Direct contact with eyes may cause temporary irritation. |
| Ingestion    | Expected to be a low ingestion hazard.                   |

**Symptoms related to the physical, chemical and toxicological characteristics** Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

#### Acute toxicity

| Components                         | Species | Test Results     |
|------------------------------------|---------|------------------|
| Petroleum naphtha (CAS 64742-94-5) |         |                  |
| <b>Acute</b>                       |         |                  |
| <b>Inhalation</b>                  |         |                  |
| LC50                               | Rat     | 61 mg/l, 4 Hours |
| <b>Oral</b>                        |         |                  |
| LD50                               | Rat     | > 25 ml/kg       |

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

#### Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** May cause genetic defects.

**Carcinogenicity** May cause cancer.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

#### US. National Toxicology Program (NTP) Report on Carcinogens

Distillates (petroleum), Hydrotreated Heavy Naphthenic (CAS 64742-52-5) Known To Be Human Carcinogen.

**Reproductive toxicity** May cause harm to breastfed babies.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** Prolonged inhalation may be harmful.

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

| Components                         | Species                                                   | Test Results             |
|------------------------------------|-----------------------------------------------------------|--------------------------|
| Petroleum naphtha (CAS 64742-94-5) |                                                           |                          |
| <b>Aquatic</b>                     |                                                           |                          |
| Crustacea                          | EC50 Water flea (Daphnia pulex)                           | 2.7 - 5.1 mg/l, 48 hours |
| Fish                               | LC50 Rainbow trout, donaldson trout (Oncorhynchus mykiss) | 8.8 mg/l, 96 hours       |
|                                    |                                                           | 8.8 mg/l, 96 hours       |

\* Estimates for product may be based on additional component data not shown.

|                                      |                                                                                                                                                                                         |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Persistence and degradability</b> | No data is available on the degradability of this product.                                                                                                                              |
| <b>Bioaccumulative potential</b>     |                                                                                                                                                                                         |
| <b>Mobility in soil</b>              | No data available.                                                                                                                                                                      |
| <b>Other adverse effects</b>         | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

### 13. Disposal considerations

|                                              |                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal instructions</b>                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.                                                                                                                                                                                                                                                                                   |
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.                                                                                                                                                                                                                           |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).                                                                                                                         |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.                                                                                                                               |

### 14. Transport information

|             |                                   |
|-------------|-----------------------------------|
| <b>DOT</b>  | Not regulated as dangerous goods. |
| <b>IATA</b> | Not regulated as dangerous goods. |
| <b>IMDG</b> | Not regulated as dangerous goods. |

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

### 15. Regulatory information

|                                                                       |                                                                                                                     |                                                                                       |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>US federal regulations</b>                                         | This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.      |                                                                                       |
| <b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>  | Not regulated.                                                                                                      |                                                                                       |
| <b>TSCA Chemical Action Plans, Chemicals of Concern</b>               | Chloroalkanes (c=14-17) (CAS 85535-85-9)                                                                            | Short-Chain Chlorinated Paraffins (SCCPs) and Other Chlorinated Paraffins Action Plan |
| <b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>                 | Not listed.                                                                                                         |                                                                                       |
| <b>SARA 304 Emergency release notification</b>                        | Not regulated.                                                                                                      |                                                                                       |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b> | Not listed.                                                                                                         |                                                                                       |
| <b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>    |                                                                                                                     |                                                                                       |
| <b>Hazard categories</b>                                              | Immediate Hazard - No<br>Delayed Hazard - Yes<br>Fire Hazard - No<br>Pressure Hazard - No<br>Reactivity Hazard - No |                                                                                       |
| <b>SARA 302 Extremely hazardous substance</b>                         | Not listed.                                                                                                         |                                                                                       |
| <b>SARA 311/312 Hazardous chemical</b>                                | No                                                                                                                  |                                                                                       |
| <b>SARA 313 (TRI reporting)</b>                                       | Not regulated.                                                                                                      |                                                                                       |

## Other federal regulations

### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

### Safe Drinking Water Act (SDWA)

Not regulated.

## US state regulations

### US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

### US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Chloroalkanes (c=14-17) (CAS 85535-85-9)

Distillates (petroleum), Hydrotreated Heavy Naphthenic (CAS 64742-52-5)

Petroleum naphtha (CAS 64742-94-5)

### US. Massachusetts RTK - Substance List

Distillates (petroleum), Hydrotreated Heavy Naphthenic (CAS 64742-52-5)

### US. New Jersey Worker and Community Right-to-Know Act

Petroleum naphtha (CAS 64742-94-5)

### US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

### US. Rhode Island RTK

Not regulated.

### US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

### US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

NAPHTHALENE (CAS 91-20-3)

Listed: April 19, 2002

## International Inventories

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | No                     |
| Canada                      | Domestic Substances List (DSL)                                         | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | Yes                    |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | No                     |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)                                          | No                     |
| New Zealand                 | New Zealand Inventory                                                  | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 05-19-2015

**Version #** 01

**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.