

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 1                   |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

29 CFR 1910.1200 (OSHA HazCom 2012)

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

Trade name : KIA PSF4  
POWER STEERING FLUID

### Recommended use of the chemical and restrictions on use

|                                                                                                                                                                                                                          |                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Details of the supplier of the safety data sheet</b><br>Ashland<br>P.O. Box 2219<br>Columbus, OH 43216<br>United States of America<br><br>EHS Customer <a href="mailto:Requests@ashland.com">Requests@ashland.com</a> | <b>Emergency telephone number</b><br>1-800-ASHLAND (1-800-274-5263)<br><br><b>Regulatory Information Number</b><br>1-800-325-3751<br><br><b>Product Information</b><br>614-790-3333 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Acute toxicity (Inhalation) : Category 4  
  
Skin sensitization : Category 1  
  
Aspiration hazard : Category 1

### GHS Label element

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : May be fatal if swallowed and enters airways.  
May cause an allergic skin reaction.  
Harmful if inhaled.

Precautionary Statements : **Prevention:**  
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
Use only outdoors or in a well-ventilated area.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves.

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 2                   |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

**Response:**

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

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

Do NOT induce vomiting.

If skin irritation or rash occurs: Get medical advice/ attention.

Wash contaminated clothing before reuse.

**Storage:**

Store locked up.

**Disposal:**

Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

---

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

Chemical nature : Defatter

**Hazardous components**

| Chemical Name                                | CAS-No.    | Classification                          | Concentration (%) |
|----------------------------------------------|------------|-----------------------------------------|-------------------|
| 1-DECENE, DIMER, HYDROGENATED                | 68649-11-6 | Acute Tox. 4; H332<br>Asp. Tox. 1; H304 | 47.66             |
| HYDROTREATED LIGHT PARAFFINIC DISTILLATE     | 64742-55-8 | Not a hazardous substance or mixture.   | 31.61             |
| HYDROTREATED PARAFFINIC DISTILLATE, DEWAXED  | 64742-65-0 | Not a hazardous substance or mixture.   | 1.20              |
| BENZENAMINE, N-PHENYL-, (TRIPROPENYL) DERIVS | 68608-79-7 | Skin Sens. 1; H317                      | 0.60              |

---

**SECTION 4. FIRST AID MEASURES**

|                                             |                           |
|---------------------------------------------|---------------------------|
| <b>ASHLAND®</b>                             | Page: 3                   |
| <b>SAFETY DATA SHEET</b>                    | Revision Date: 06/02/2015 |
|                                             | Print Date: 6/23/2015     |
|                                             | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID<br><br>794252 | Version: 1.2              |

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Symptoms of poisoning may appear several hours later.  
Do not leave the victim unattended.
- If inhaled : Move to fresh air.  
IF INHALED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
Keep patient warm and at rest.  
If unconscious place in recovery position and seek medical advice.
- In case of skin contact : Remove contaminated clothing. If irritation develops, get medical attention.  
If on skin, rinse well with water.  
First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.  
Wash contaminated clothing before re-use.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Obtain medical attention.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : Acute aspiration of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Repeated aspiration of small quantities of mineral oil can produce chronic inflammation of the lungs (i.e. lipoid pneumonia) that may progress to pulmonary fibrosis. Symptoms are often subtle and radiological changes appear worse than clinical abnormalities. Occasionally, persistent cough, irritation of the upper respiratory tract, shortness of breath with exertion, fever, and bloody sputum occur. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.
- Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:  
acne  
stomach or intestinal upset (nausea, vomiting, diarrhea)  
irritation (nose, throat, airways)  
May be fatal if swallowed and enters airways.  
May cause an allergic skin reaction.  
Harmful if inhaled.

|                                             |                           |
|---------------------------------------------|---------------------------|
| <b>ASHLAND®</b>                             | Page: 4                   |
| <b>SAFETY DATA SHEET</b>                    | Revision Date: 06/02/2015 |
|                                             | Print Date: 6/23/2015     |
|                                             | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID<br><br>794252 | Version: 1.2              |

Notes to physician : No hazards which require special first aid measures.

---

## SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : carbon dioxide and carbon monoxide  
Hydrocarbons  
boron oxides  
Nitrogen oxides (NO<sub>x</sub>)
- Specific extinguishing methods :  
  
Product is compatible with standard fire-fighting agents.
- Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

---

## SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.  
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 5                   |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

Other information : Comply with all applicable federal, state, and local regulations.

## SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Avoid formation of aerosol.  
 Provide sufficient air exchange and/or exhaust in work rooms.  
 Do not breathe vapours/dust.  
 Do not smoke.  
 Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.  
 Container hazardous when empty.  
 Avoid exposure - obtain special instructions before use.  
 Avoid contact with skin and eyes.  
 Smoking, eating and drinking should be prohibited in the application area.  
 For personal protection see section 8.  
 Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
 Observe label precautions.  
 Electrical installations / working materials must comply with the technological safety standards.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

| Components                                        | CAS-No.    | Value type<br>(Form of exposure) | Control parameters /<br>Permissible concentration | Basis           |
|---------------------------------------------------|------------|----------------------------------|---------------------------------------------------|-----------------|
| HYDROTREATED LIGHT<br>PARAFFINIC DISTILLATE       | 64742-55-8 | REL                              | 5 mg/m3<br>Mist.                                  | NIOSH/GUID<br>E |
|                                                   |            | STEL                             | 10 mg/m3<br>Mist.                                 | NIOSH/GUID<br>E |
|                                                   |            | PEL                              | 5 mg/m3<br>Mist.                                  | OSHA_TRA<br>NS  |
| HYDROTREATED<br>PARAFFINIC DISTILLATE,<br>DEWAXED | 64742-65-0 | REL                              | 5 mg/m3<br>Mist.                                  | NIOSH/GUID<br>E |
|                                                   |            | STEL                             | 10 mg/m3<br>Mist.                                 | NIOSH/GUID<br>E |
|                                                   |            | PEL                              | 5 mg/m3<br>Mist.                                  | OSHA_TRA<br>NS  |

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 6                   |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

|  |  |     |                                |       |
|--|--|-----|--------------------------------|-------|
|  |  | TWA | 5 mg/m3<br>Inhalable fraction. | ACGIH |
|--|--|-----|--------------------------------|-------|

**Engineering measures** : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

**Personal protective equipment**

**Respiratory protection** : In the case of vapour formation use a respirator with an approved filter.

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

**Hand protection**  
**Remarks** : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

**Eye protection** : Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

**Skin and body protection** : Wear as appropriate:  
impervious clothing  
Safety shoes  
Choose body protection according to the amount and concentration of the dangerous substance at the work place. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment supplier).

**Hygiene measures** : Wash hands before breaks and at the end of workday.  
When using do not eat or drink.  
When using do not smoke.

---

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state** : liquid

**Colour** : greenish-blue

**Odour** : No data available

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 7                   |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

Odour Threshold : No data available  
 pH : No data available  
 Melting point/freezing point : No data available  
 Boiling point/boiling range : 131 °F / 55 °C  
 Calculated Phase Transition Liquid/Gas  
 Flash point : > 320 °F / > 160 °C  
 Evaporation rate : No data available  
 Flammability (solid, gas) : No data available  
 Upper explosion limit : 6 %(V)  
 GLP: Calculated Explosive Limit  
 Lower explosion limit : 1 %(V)  
 GLP: Calculated Explosive Limit  
 Vapour pressure : 1.3333333 hPa (75 °C)  
 Calculated Vapor Pressure  
 Relative vapour density : No data available  
 Relative density : 0.83 (60.00 °F)  
 Density : 0.8382 g/cm3 (15.56 °C)  
 Solubility(ies)  
 Water solubility : No data available  
 Solubility in other solvents : No data available  
 Partition coefficient: n-octanol/water : No data available  
 Thermal decomposition : No data available  
 Viscosity  
 Viscosity, dynamic : No data available  
 Viscosity, kinematic : 7.25 mm2/s  
 Oxidizing properties : No data available

---

## SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

|                                         |                           |
|-----------------------------------------|---------------------------|
| <b>ASHLAND®</b>                         | Page: 8                   |
| <b>SAFETY DATA SHEET</b>                | Revision Date: 06/02/2015 |
|                                         | Print Date: 6/23/2015     |
|                                         | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID<br>794252 | Version: 1.2              |

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : Product will not undergo hazardous polymerization.

Conditions to avoid : excessive heat

Incompatible materials : Strong acids  
Strong oxidizing agents

Hazardous decomposition products : boron oxides  
carbon dioxide and carbon monoxide  
Hydrocarbons  
Nitrogen oxides (NOx)

---

## SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation  
Skin contact  
Eye Contact  
Ingestion

**Acute toxicity**  
Harmful if inhaled.

**Components:**

1-DECENE, DIMER, HYDROGENATED:

Acute oral toxicity : LD 50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC 50 (Rat): > 1.81 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
GLP: yes  
Assessment: The component/mixture is classified as acute inhalation toxicity, category 4.

Acute dermal toxicity : LD 50 (Rabbit): > 3,000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: No adverse effect has been observed in acute dermal toxicity tests.

HYDROTREATED PARAFFINIC DISTILLATE, DEWAXED:

Acute oral toxicity : LD 50 (Rat): > 5,000 mg/kg

Acute dermal toxicity : LD 50 (Rabbit): > 5,000 mg/kg

**Skin corrosion/irritation**

Not classified based on available information.

**Product:**

Result: Repeated exposure may cause skin dryness or cracking.



|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 9                   |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

Remarks: May cause skin irritation in susceptible persons.

**Components:**

1-DECENE, DIMER, HYDROGENATED:

Species: Rabbit

Result: Slightly irritating to skin

HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

Result: Mildly irritating to skin

HYDROTREATED PARAFFINIC DISTILLATE, DEWAXED:

Result: Slightly irritating to skin

BENZENAMINE, N-PHENYL-, (TRIPROPENYL) DERIVS:

Result: Not irritating to skin

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

Remarks: Unlikely to cause eye irritation or injury.

**Components:**

1-DECENE, DIMER, HYDROGENATED:

Species: Rabbit

Result: Not irritating to eyes

HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

Result: Mildly irritating to eyes

HYDROTREATED PARAFFINIC DISTILLATE, DEWAXED:

Result: Slightly irritating to eyes

BENZENAMINE, N-PHENYL-, (TRIPROPENYL) DERIVS:

Result: Not irritating to eyes

**Respiratory or skin sensitisation**

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: Not classified based on available information.

**Components:**

1-DECENE, DIMER, HYDROGENATED:

Test Type: Maximisation Test (GPMT)

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Does not cause skin sensitisation.

BENZENAMINE, N-PHENYL-, (TRIPROPENYL) DERIVS:

Test Type: Local lymph node assay

Species: Mouse

Assessment: May cause sensitisation by skin contact.

**Germ cell mutagenicity**

Not classified based on available information.

**Components:**

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 10                  |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

**1-DECENE, DIMER, HYDROGENATED:**

Genotoxicity in vitro : Test Type: Ames test  
 Test species: Salmonella typhimurium  
 Metabolic activation: with and without metabolic activation  
 Method: OECD Test Guideline 471  
 Result: negative  
 GLP: yes

Genotoxicity in vivo : Test Type: In vivo micronucleus test  
 Test species: Mouse  
 Method: OECD Test Guideline 474  
 Result: negative  
 GLP: yes

**HYDROTREATED PARAFFINIC DISTILLATE, DEWAXED:**

Genotoxicity in vitro : Test Type: Ames test  
 Result: negative

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

May be fatal if swallowed and enters airways.

**Product:**

May be fatal if swallowed and enters airways.

**Components:**

**1-DECENE, DIMER, HYDROGENATED:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

**Further information**

**Product:**

Remarks: Solvents may degrease the skin.

**Carcinogenicity:**

**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 11                  |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

1-DECENE, DIMER, HYDROGENATED:

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): > 1,000 mg/l  
 Exposure time: 96 h  
 Test Type: semi-static test  
 Test substance: WAF  
 Method: OECD Test Guideline 203  
 GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): > 1,000 mg/l  
 Exposure time: 48 h  
 Test Type: static test  
 Test substance: WAF  
 Method: OECD Test Guideline 202  
 GLP: yes

Toxicity to algae : EL50 (Scenedesmus capricornutum (fresh water algae)): > 1,000 mg/l  
 Exposure time: 72 h  
 Test Type: static test  
 Test substance: WAF  
 Method: OECD Test Guideline 201  
 GLP: yes

### Persistence and degradability

#### Components:

1-DECENE, DIMER, HYDROGENATED:

Biodegradability : Result: Inherently biodegradable  
 Biodegradation: 15 %  
 Exposure time: 28 d  
 Method: OECD Test Guideline 301D  
 GLP: yes

### Bioaccumulative potential

#### Components:

1-DECENE, DIMER, HYDROGENATED:

Partition coefficient: n-octanol/water : log Pow: > 6.5

### Mobility in soil

#### Components:

No data available

### Other adverse effects

No data available

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 12                  |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

**Product:**

Additional ecological information

: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Harmful to aquatic life with long lasting effects.

**Components:**

---

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

General advice

: The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

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

Contaminated packaging

: Empty remaining contents.  
Dispose of as unused product.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Do not re-use empty containers.

---

**SECTION 14. TRANSPORT INFORMATION**

**International transport regulations**

**REGULATION**

| ID NUMBER | PROPER SHIPPING NAME | *HAZARD CLASS | SUBSIDIARY HAZARDS | PACKING GROUP | MARINE POLLUTANT / LTD. QTY. |
|-----------|----------------------|---------------|--------------------|---------------|------------------------------|
|           |                      |               |                    |               |                              |

**U.S. DOT - ROAD**

|                     |
|---------------------|
| Not dangerous goods |
|                     |

**U.S. DOT - RAIL**

|                     |
|---------------------|
| Not dangerous goods |
|                     |

**U.S. DOT - INLAND WATERWAYS**

|                     |
|---------------------|
| Not dangerous goods |
|                     |

**TRANSPORT CANADA - ROAD**

|                     |
|---------------------|
| Not dangerous goods |
|                     |

**TRANSPORT CANADA - RAIL**

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 13                  |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

|                     |
|---------------------|
| Not dangerous goods |
|                     |

#### TRANSPORT CANADA - INLAND WATERWAYS

|                     |
|---------------------|
| Not dangerous goods |
|                     |

#### INTERNATIONAL MARITIME DANGEROUS GOODS

|                     |
|---------------------|
| Not dangerous goods |
|                     |

#### INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

|                     |
|---------------------|
| Not dangerous goods |
|                     |

#### INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

|                     |
|---------------------|
| Not dangerous goods |
|                     |

#### MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

|                     |
|---------------------|
| Not dangerous goods |
|                     |

\*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

|                  |    |
|------------------|----|
| Marine pollutant | no |
|------------------|----|

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

#### SECTION 15. REGULATORY INFORMATION

**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 313 Component(s)****SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop 65** Proposition 65 warnings are not required for this product based on the results of a risk assessment.

**The components of this product are reported in the following inventories:**

TSCA : On TSCA Inventory

DSL : All components of this product are on the Canadian DSL.

AUSTR : Not in compliance with the inventory

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 14                  |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

NZIOC : Not in compliance with the inventory

ENCS : Not in compliance with the inventory

KECL : Not in compliance with the inventory

PICCS : Not in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

#### Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

## SECTION 16. OTHER INFORMATION

#### Further information

Revision Date: 06/02/2015

| NFPA:                                                                       | HMIS III:                                                                                                                                                                                                                                                                                        |               |          |                     |          |                        |          |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|---------------------|----------|------------------------|----------|
| <p>Flammability</p> <p>Health</p> <p>Instability</p> <p>Special hazard.</p> | <table border="1"> <tr> <td><b>HEALTH</b></td><td><b>1</b></td></tr> <tr> <td><b>FLAMMABILITY</b></td><td><b>1</b></td></tr> <tr> <td><b>PHYSICAL HAZARD</b></td><td><b>0</b></td></tr> </table> <p>0 = not significant, 1 = Slight,<br/>2 = Moderate, 3 = High<br/>4 = Extreme, * = Chronic</p> | <b>HEALTH</b> | <b>1</b> | <b>FLAMMABILITY</b> | <b>1</b> | <b>PHYSICAL HAZARD</b> | <b>0</b> |
| <b>HEALTH</b>                                                               | <b>1</b>                                                                                                                                                                                                                                                                                         |               |          |                     |          |                        |          |
| <b>FLAMMABILITY</b>                                                         | <b>1</b>                                                                                                                                                                                                                                                                                         |               |          |                     |          |                        |          |
| <b>PHYSICAL HAZARD</b>                                                      | <b>0</b>                                                                                                                                                                                                                                                                                         |               |          |                     |          |                        |          |

#### NFPA Flammable and Combustible Liquids Classification

Combustible Liquid Class IIIB

#### Full text of H-Statements referred to under sections 2 and 3.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

#### Further information

Sources of key data used to compile the Safety Data Sheet

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 15                  |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

Ashland internal data including own and sponsored test reports  
The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ACGIH : American Conference of Industrial Hygienists  
BEI : Biological Exposure Index  
CAS : Chemical Abstracts Service (Division of the American Chemical Society).  
CMR : Carcinogenic, Mutagenic or Toxic for Reproduction  
FG : Food grade  
GHS : Globally Harmonized System of Classification and Labeling of Chemicals.  
H-statement : Hazard Statement  
IATA : International Air Transport Association.  
IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO : International Civil Aviation Organization  
ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"  
IMDG : International Maritime Code for Dangerous Goods  
ISO : International Organization for Standardization  
logPow : octanol-water partition coefficient  
LCxx : Lethal Concentration, for xx percent of test population  
LDxx : Lethal Dose, for xx percent of test population.  
ICxx : Inhibitory Concentration for xx of a substance  
Ecxx : Effective Concentration of xx  
N.O.S.: Not Otherwise Specified  
OECD : Organization for Economic Co-operation and Development  
OEL : Occupational Exposure Limit  
P-Statement : Precautionary Statement  
PBT : Persistent , Bioaccumulative and Toxic  
PPE : Personal Protective Equipment  
STEL : Short-term exposure limit  
STOT : Specific Target Organ Toxicity  
TLV : Threshold Limit Value  
TWA : Time-weighted average  
vPvB : Very Persistent and Very Bioaccumulative  
WEL : Workplace Exposure Level

CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act  
DOT : Department of Transportation  
FIFRA : Federal Insecticide, Fungicide, and Rodenticide Act  
HMIRC : Hazardous Materials Information Review Commission  
HMIS : Hazardous Materials Identification System  
NFPA : National Fire Protection Association  
NIOSH : National Institute for Occupational Safety and Health  
OSHA : Occupational Safety and Health Administration  
PMRA : Health Canada Pest Management Regulatory Agency

|                               |  |                           |
|-------------------------------|--|---------------------------|
| <b>ASHLAND®</b>               |  | Page: 16                  |
| <b>SAFETY DATA SHEET</b>      |  | Revision Date: 06/02/2015 |
|                               |  | Print Date: 6/23/2015     |
|                               |  | SDS Number: R0407355      |
| KIA PSF4 POWER STEERING FLUID |  | Version: 1.2              |
| 794252                        |  |                           |

RTK : Right to Know

WHMIS : Workplace Hazardous Materials Information System