



# Case AkcelA Hy-Tran Ultraction SSL

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 06/29/2015 Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : Case AkcelA Hy-Tran Ultraction SSL

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Lubricant

#### 1.3. Details of the supplier of the safety data sheet

Viscosity Oil Company  
600 H Joliet Road  
Willowbrook, IL 60527  
T 630-850-4000 - F 630-850-4022

#### 1.4. Emergency telephone number

Emergency number : (800) 434-9300  
CHEMTREC (24 HOURS)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Skin Sens. 1 H317

Full text of H-statements: see section 16

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) : Warning  
Hazard statements (GHS-US) : H317 - May cause an allergic skin reaction  
Precautionary statements (GHS-US) : P261 - Avoid breathing mist, spray, vapours  
P272 - Contaminated work clothing must not be allowed out of the workplace  
P280 - Wear protective clothing, protective gloves  
P302+P352 - If on skin: Wash with plenty of water  
P321 - Specific treatment (see First aid measures on this label)  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P362+P364 - Take off contaminated clothing and wash it before reuse  
P501 - Dispose of contents/container to an authorised waste collection point

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

1.73 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
1.73 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
1.73 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Exact concentrations withheld as trade secret.

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Name	Product identifier	%	GHS-US classification
1-Decene, homopolymer, hydrogenated	(CAS No) 68037-01-4	70 – 80	Asp. Tox. 1, H304
Calcium long chain alkaryl sulfonate	(CAS No) trade secret	1 – 2	Skin Sens. 1, H317 Aquatic Chronic 4, H413
Benzenesulfonic acid, propenated, calcium salt, overbased	(CAS No) trade secret	0.1 – 2	Skin Sens. 1, H317
2,6-di-tert-butyl-p-cresol	(CAS No) trade secret	0.1 – 1	STOT RE 2, H373 Aquatic Acute 1, H400
Dipropylene glycol dibenzoate	(CAS No) trade secret	0.1 – 1	Aquatic Acute 1, H400
alkyl phosphate, alkenyl amine salts	(CAS No) trade secret	0.1 – 0.5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT RE 2, H373 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If medical advice is needed, have product container or label at hand.
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- First-aid measures after skin contact : Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : Inhalation may cause: irritation, coughing, shortness of breath.
- Symptoms/injuries after skin contact : May cause an allergic skin reaction.

#### 4.3. Indication of any immediate medical attention and special treatment needed

All treatments should be based on observed signs and symptoms of distress in the patient.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Dry chemical. Carbon dioxide. Foam.
- Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : No specific fire or explosion hazard.
- Reactivity : No dangerous reactions known.

#### 5.3. Advice for firefighters

- Firefighting instructions : Cool adjacent structures and containers with water spray to protect and prevent ignition. Do not allow run-off from fire fighting to enter drains or water courses.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid all eye and skin contact and do not breathe vapour and mist.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable protective clothing and gloves.
- Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing and gloves.
- Emergency procedures : Ventilate area. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

- For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

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Methods for cleaning up : Take up in non-combustible absorbent material and shove into container for disposal.

### 6.4. Reference to other sections

Section 7: safe handling. Section 8: personal protective equipment.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid all eye and skin contact and do not breathe vapour and mist.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Always wash your hands immediately after handling this product, and once again before leaving the workplace.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use.  
Incompatible products : Strong oxidizers.  
Heat and ignition sources : Keep away from heat, sparks and flame.  
Prohibitions on mixed storage : Incompatible materials.  
Storage area : Store in dry, cool, well-ventilated area.

### 7.3. Specific end use(s)

Lubricant.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Case AkcelA Hy-Tran Ultraction SSL		
ACGIH	Not applicable	
OSHA	Not applicable	
Benzenesulfonic acid, propenated, calcium salt, overbased		
ACGIH	Not applicable	
OSHA	Not applicable	
2,6-Di-tert-butyl-4-methylphenol		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
ACGIH	Remark (ACGIH)	URT irr
OSHA	Not applicable	
DNEL	DNEL	0.5 ppm Dermal
PNEC	PNEC	199 mg/l Freshwater
alkyl phosphate, alkenyl amine salts		
ACGIH	Not applicable	
OSHA	Not applicable	
Calcium long chain alkaryl sulfonate		
ACGIH	Not applicable	
OSHA	Not applicable	
Dipropylene glycol dibenzoate		
ACGIH	Not applicable	
OSHA	Not applicable	
1-Decene, homopolymer, hydrogenated (68037-01-4)		
ACGIH	Not applicable	
OSHA	Not applicable	

### 8.2. Exposure controls

Appropriate engineering controls : Avoid splashing. Provide local exhaust ventilation of closed transfer systems to minimize exposures.  
Personal protective equipment : Avoid all unnecessary exposure.

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Hand protection	: Wear suitable gloves. nitrile rubber gloves.
Eye protection	: In case of splashing or aerosol production: protective goggles.
Skin and body protection	: Long sleeved protective clothing.
Respiratory protection	: In case of inadequate ventilation wear respiratory protection. Wear appropriate mask.
Other information	: Do not eat, drink or smoke when using this product.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Dark amber
Odour	: petroleum
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: -40 °C
Boiling point	: No data available
Flash point	: 210 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Vapour pressure	: No data available
Relative density	: 0.88
Relative vapour density at 20 °C	: No data available
Solubility	: Negligible.
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: 60 cSt @ 40 °C
Viscosity, dynamic	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

None known.

#### 10.5. Incompatible materials

Strong oxidizers.

#### 10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Phosphorus oxides. hydrocarbons. Sulphur oxides. Burning produces irritating, toxic and noxious fumes.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Likely routes of exposure : Skin and eye contact; Inhalation  
Acute toxicity : Not classified

<b>Benzenesulfonic acid, propenated, calcium salt, overbased</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	> 1.9 mg/l/4h read-across Sulfonic acids, petroleum, calcium salts, overbased

<b>2,6-Di-tert-butyl-4-methylphenol</b>	
LD50 oral rat	6000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE US (oral)	6000.000 mg/kg bodyweight

<b>Dipropylene glycol dibenzoate</b>	
LD50 oral rat	3295 - 5072 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 200 mg/l
ATE US (oral)	3295.000 mg/kg bodyweight

<b>1-Decene, homopolymer, hydrogenated (68037-01-4)</b>	
LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified.  
Reproductive toxicity : Not classified  
Specific target organ toxicity (single exposure) : Not classified  
Specific target organ toxicity (repeated exposure) : Not classified

<b>2,6-Di-tert-butyl-4-methylphenol</b>	
NOAEL (oral, rat, 90 days)	25 mg/kg bodyweight/day Digestive, live, urogenital, kidneys, glandular, thyroids, adrenal gland.

Aspiration hazard : Not classified  
Symptoms/injuries after inhalation : Inhalation may cause: irritation, coughing, shortness of breath.  
Symptoms/injuries after skin contact : May cause an allergic skin reaction.

### SECTION 12: Ecological information

#### 12.1. Toxicity

<b>2,6-Di-tert-butyl-4-methylphenol</b>	
LC50 fish 1	0.199
EC50 Daphnia 1	0.48 mg/l
EC50 other aquatic organisms 1	0.758 mg/l
NOEC (acute)	0.15 mg/l

<b>Dipropylene glycol dibenzoate</b>	
LC50 fish 1	0.25 mg/l
NOEC (acute)	0.06 mg/l

<b>1-Decene, homopolymer, hydrogenated (68037-01-4)</b>	
LC50 fish 1	> 750 mg/l
EC50 Daphnia 1	190 mg/l
NOEC (acute)	1000 mg/l

#### 12.2. Persistence and degradability

<b>Benzenesulfonic acid, propenated, calcium salt, overbased</b>	
Persistence and degradability	Not readily biodegradable.

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2,6-Di-tert-butyl-4-methylphenol	
Persistence and degradability	Not readily biodegradable. May cause long-term adverse effects in the environment.

Dipropylene glycol dibenzoate	
Persistence and degradability	May cause long-term adverse effects in the environment.

1-Decene, homopolymer, hydrogenated (68037-01-4)	
Persistence and degradability	Readily biodegradable.

### 12.3. Bioaccumulative potential

Benzenesulfonic acid, propenated, calcium salt, overbased	
BCF fish 1	0.001 mg/l
BCF fish 2	0.01 mg/l
Log Kow	5.7 - 5.8

2,6-Di-tert-butyl-4-methylphenol	
Log Pow	5.2
Bioaccumulative potential	This product is not bioaccumulating.

Dipropylene glycol dibenzoate	
Bioaccumulative potential	Not established.

1-Decene, homopolymer, hydrogenated (68037-01-4)	
Bioaccumulative potential	Not expected to bioaccumulate.

### 12.4. Mobility in soil

2,6-Di-tert-butyl-4-methylphenol	
Ecology - soil	Absorbs to soil particles and will not be mobile.

### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Sewage disposal recommendations : Do not dispose of waste into sewer.  
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT  
Not considered a dangerous good for transport regulations

### Additional information

Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

Benzenesulfonic acid, propenated, calcium salt, overbased	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

2,6-Di-tert-butyl-4-methylphenol	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

alkyl phosphate, alkenyl amine salts	
Not listed on the United States TSCA (Toxic Substances Control Act) inventory	

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### Calcium long chain alkaryl sulfonate

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### Dipropylene glycol dibenzoate

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 1-Decene, homopolymer, hydrogenated (68037-01-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

## 15.2. International regulations

### CANADA

#### Benzenesulfonic acid, propenated, calcium salt, overbased

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### 2,6-Di-tert-butyl-4-methylphenol

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### alkyl phosphate, alkenyl amine salts

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### Calcium long chain alkaryl sulfonate

Not listed on the Canadian DSL (Domestic Substances List) inventory.

#### Dipropylene glycol dibenzoate

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### 1-Decene, homopolymer, hydrogenated (68037-01-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

### EU-Regulations

#### Benzenesulfonic acid, propenated, calcium salt, overbased

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### 2,6-Di-tert-butyl-4-methylphenol

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### alkyl phosphate, alkenyl amine salts

Not listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### Dipropylene glycol dibenzoate

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### 1-Decene, homopolymer, hydrogenated (68037-01-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Sens. 1 H317

Aquatic Chronic 3 H412

Full text of H-statements: see section 16

### National regulations

#### Benzenesulfonic acid, propenated, calcium salt, overbased

Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).

Not listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on Taiwan National Chemical Inventory

Listed on KECI (Korean Existing Chemicals Inventory)

Not listed on Philippines Inventory of Chemicals and Chemical Substances (PICCS)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on NZIoC (New Zealand Inventory of Chemicals)

#### 2,6-Di-tert-butyl-4-methylphenol

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on Taiwan National Chemical Inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

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### Calcium long chain alkaryl sulfonate

Polymer exempt from EINECS.  
Not listed on the Canadian Non-Domestic Substances List (NDSL).

### Dipropylene glycol dibenzoate

Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on Taiwan National Chemical Inventory  
Listed on KECI (Korean Existing Chemicals Inventory)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

### 1-Decene, homopolymer, hydrogenated (68037-01-4)

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECI (Korean Existing Chemicals Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

Indication of changes	: Original Document.
Data sources	: ACGIH (American Conference of Government Industrial Hygienists). Canadian Centre for Occupational Health and Safety. Accessed at: <a href="http://www.ccohs.ca/oshanswers/legisl/whmis_classifi.html">http://www.ccohs.ca/oshanswers/legisl/whmis_classifi.html</a> . European Chemicals Agency (ECHA) C&L Inventory database. Accessed at <a href="http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database">http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database</a> . National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition. Kristen Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. OSHA 29CFR 1910.1200 Hazard Communication Standard. TSCA Chemical Substance Inventory. Accessed at <a href="http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html">http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html</a> .
Abbreviations and acronyms	: ATE: Acute Toxicity Estimate. CAS (Chemical Abstracts Service) number. CFR: Code of Federal Regulations. CLP: Classification, Labelling, Packaging. EC50: Environmental Concentration associated with a response by 50% of the test population. GHS: Globally Harmonized System (of Classification and Labeling of Chemicals). LD50: Lethal Dose for 50% of the test population. OSHA: Occupational Safety & Health Administration. TSCA: Toxic Substances Control Act. TWA: Time Weight Average. STEL: Short Term Exposure Limits.
Other information	: None.



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Full text of H-statements:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
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
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life

NFPA health hazard

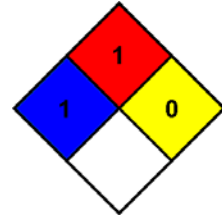
: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard

: 1 - Must be preheated before ignition can occur.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and not reactive with water.



Redstone SDS US GHS for Viscosity Oil

**SDS Prepared by:** The Redstone Group, LLC  
6077 Frantz Rd.  
Suite 206  
Dublin, OH 43016  
T 614-923-7472  
[www.redstonegrp.com](http://www.redstonegrp.com)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*