

## Safety data sheet

Issue date: 04.10.2017

Version 2

Last Revision: 11.08.2015

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

- **1.1 Product identifier**
  - **Product name: Universal ATF Conversion Supplement**
    - **Part number:** 204235
    - **Application of the substance / the mixture** automatic transmission additive
- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**  
Terraclean, division of, CPS Products Canada Ltd.  
1324 Blundell Road  
Mississauga, ON, L4Y 1M5  
Canada  
Phone: (905) 615-8620
  - **email of person responsible:** customerservice@terraclean.net
- **1.4 Emergency telephone number:** CHEMTREC International +1 (703) 527-3887 24 hr

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**

|                   |  |
|-------------------|--|
| Acute Tox. 4      | H302 Harmful if swallowed.                                   |
| Skin Irrit. 2     | H315 Causes skin irritation.                                 |
| Eye Irrit. 2      | H319 Causes serious eye irritation.                          |
| Skin Sens. 1      | H317 May cause an allergic skin reaction.                    |
| Aquatic Chronic 4 | H413 May cause long lasting harmful effects to aquatic life. |

- **2.2 Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
  - **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**
  - H302 Harmful if swallowed.
  - H315 Causes skin irritation.
  - H319 Causes serious eye irritation.
  - H317 May cause an allergic skin reaction.
  - H413 May cause long lasting harmful effects to aquatic life.
- **Precautionary statements**
  - P261 Avoid breathing fume/spray.
  - P264 Wash thoroughly after handling.
  - P280 Wear protective gloves / eye protection / face protection.
  - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P362+P364 Take off contaminated clothing and wash it before reuse.

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Dispose of contents in accordance with local regulations.

· **2.3 Other hazards**· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**· **3.2 Mixtures**· **Chemical components:**

|                                      |  |        |
|--------------------------------------|--|--------|
| CAS: 68037-01-4<br>NLP: 500-183-1    | Dec-1-ene, homopolymer, hydrogenated                                     | 25-50% |
| CAS: 36878-20-3<br>EINECS: 253-249-4 | bis(nonylphenyl)amine<br>Aquatic Chronic 4, H413                         | 20-40% |
| CAS: 68649-11-6<br>NLP: 500-228-5    | Dec-1-ene, dimers, hydrogenated<br>Asp. Tox. 1, H304; Acute Tox. 4, H332 | <10%   |
| CAS: 64742-54-7<br>EINECS: 265-157-1 | Distillates (petroleum), hydrotreated heavy paraffinic                   | <2%    |

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**· **4.1 Description of first aid measures**· **After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

Wash with plenty of soap and water. Remove contaminated clothing. If skin irritation occurs, get medical attention. Launder contaminated clothing before reuse.

· **After eye contact:**

Rinse cautiously with water. Remove contact lenses, if present and easy to do. Get medical attention if eye irritation develops or persists.

· **After swallowing:**

Do not induce vomiting.

If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed**

Nausea

Harmful if swallowed. May be fatal if swallowed and enters airways. Swallowing a small quantity of this material will result in serious health hazard.

vomiting

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

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## SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
  - **Suitable extinguishing agents:**  
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  - **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture** See section 10 for additional information.
- **5.3 Advice for firefighters**
  - **Protective equipment:**  
Recommend wearing self-contained breathing apparatus. Water may cause splattering.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
Avoid breathing vapors.  
Wear protective equipment. Keep unprotected persons away.  
Remove persons from danger area.  
Do not touch or walk through spilled material.
- **6.2 Environmental precautions:**  
No special measures required.  
Take precautions to avoid release to the environment. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Keep receptacles tightly sealed.  
Ensure good ventilation/exhaustion at the workplace.  
Avoid splashes or spray in enclosed areas.
  - **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - **Storage:**
    - **Requirements to be met by storerooms and receptacles:**  
See section 10 for incompatible materials.
    - **Information about storage in one common storage facility:** Not required.
    - **Further information about storage conditions:**  
Store in cool, dry, dark place, away from direct sunlight.
- **7.3 Specific end use(s)** No further relevant information available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists valid during the making were used as basis.

#### Other Exposure Limits

Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH TWA of 5 mg per cubic meter.

### 8.2 Exposure controls

#### Personal protective equipment:

##### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.

##### Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

##### Protection of hands:



Chemical resistant protective gloves (EN 374)

##### Eye protection:



Safety glasses. If potential for splash or mist exists, wear chemical goggles or faceshield.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

##### Appearance:

· **Form:** Fluid

· **Colour:** Red

· **Odour:** hydrocarbon

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

#### Change in condition

· **Melting point/freezing point:** Undetermined.

· **Initial boiling point and boiling range:** Undetermined.

· **Flash point:** 170 °C

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|  |   |
|--|---|
| · <b>Flammability (solid, gas):</b>              | Not applicable.                               |
| · <b>Ignition temperature:</b>                   |   |
| · <b>Decomposition temperature:</b>              | Not determined.                               |
| · <b>Auto-ignition temperature:</b>              | Product is not selfigniting.                  |
| · <b>Explosive properties:</b>                   | Product does not present an explosion hazard. |
| · <b>Explosion limits:</b>                       |   |
| · <b>Lower:</b>                                  | Not determined.                               |
| · <b>Upper:</b>                                  | Not determined.                               |
| · <b>Vapour pressure:</b>                        | Not determined.                               |
| · <b>Density:</b>                                | Not determined.                               |
| · <b>Relative density at 20 °C</b>               | 0.8601  |
| · <b>Vapour density</b>                          | Not determined.                               |
| · <b>Evaporation rate</b>                        | Not determined.                               |
| · <b>Solubility in / Miscibility with</b>        |   |
| · <b>water:</b>                                  | Not miscible or difficult to mix.             |
| · <b>Partition coefficient: n-octanol/water:</b> | Not determined.                               |
| · <b>Viscosity:</b>                              |   |
| · <b>Dynamic:</b>                                | Not determined.                               |
| · <b>Kinematic:</b>                              | Not determined.                               |
| · <b>9.2 Other information</b>                   | No further relevant information available.    |

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
  - **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Strong Oxidizers
- **10.6 Hazardous decomposition products:**
  - Hydrogen sulphide
  - Carbon monoxide and carbon dioxide
  - Ammonia
  - Phosphorus oxides (e.g. P2O5)
  - Nitrogen oxides (NOx)
  - Sulphur oxides (SOx)
  - Mercaptans

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|  |
|--|
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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Harmful if swallowed.

#### LD/LC50 values relevant for classification:

#### ATE (Acute Toxicity Estimates)

|            |                  |                    |
|------------|------------------|--------------------|
| Dermal     | LD50             | >5,000 mg/kg (rat) |
| Inhalative | LC50/4 h (vapor) | 110 mg/L           |

#### 36878-20-3 bis(nonylphenyl)amine

|        |      |                    |
|--------|------|--------------------|
| Oral   | LD50 | >5,000 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rat) |

#### 68649-11-6 Dec-1-ene, dimers, hydrogenated

|            |                  |               |
|------------|------------------|---------------|
| Inhalative | LC50/4 h (vapor) | 11 mg/L (ATE) |
|------------|------------------|---------------|

#### Primary irritant effect:

##### Skin corrosion/irritation

May cause mild skin irritation.

Causes skin irritation.

##### Serious eye damage/irritation

Causes serious eye irritation.

##### Ingestion: May be fatal if swallowed and enter airways.

#### Respiratory or skin sensitisation

May cause an allergic skin reaction.

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

- **Carcinogenicity** Based on available data, the classification criteria are not met.

- **Reproductive toxicity** Based on available data, the classification criteria are not met.

- **STOT-single exposure** Based on available data, the classification criteria are not met.

- **STOT-repeated exposure** Based on available data, the classification criteria are not met.

- **Aspiration hazard** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1 Toxicity

- **Aquatic toxicity:** No further relevant information available.

### 12.2 Persistence and degradability

#### 36878-20-3 bis(nonylphenyl)amine

|                               |                      |
|-------------------------------|----------------------|
| Persistence and Degradability | 0 (ATE) (Sturm Test) |
|-------------------------------|----------------------|

### 12.3 Bioaccumulative potential

#### 36878-20-3 bis(nonylphenyl)amine

|                 |                                       |
|-----------------|---------------------------------------|
| Bioaccumulation | 7.3 (ATE) (Octanol-Water Coefficient) |
|-----------------|---------------------------------------|

### 12.4 Mobility in soil No further relevant information available.

#### Additional ecological information:

##### General notes:

Not known to be hazardous to water.

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Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **12.5 Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
  - **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
  - **Uncleaned packaging:**
    - **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

|  |                 |
|--|-----------------|
| · <b>14.1 UN-Number</b>  |                 |
| · <b>ADR, IMDG, IATA</b>   | Not Regulated   |
| · <b>14.2 UN proper shipping name</b>  |                 |
| · <b>ADR</b>   | Not Regulated   |
| · <b>IMDG, IATA</b>  | Not Regulated   |
| · <b>14.3 Transport hazard class(es)</b>   |                 |
| · <b>ADR, IMDG, IATA</b>   |                 |
| · <b>Class</b>   | Not Regulated   |
| · <b>14.4 Packing group</b>  |                 |
| · <b>ADR, IMDG, IATA</b>   | Not Regulated   |
| · <b>14.5 Environmental hazards:</b>   | Not applicable. |
| · <b>14.6 Special precautions for user</b>                                       | Not applicable. |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>  | Not Regulated   |

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No REACH Annex XVII restrictions  
Contains no REACH candidate substance

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- **Directive 2012/18/EU**
  - **Named dangerous substances - ANNEX I** None of the ingredients is listed.
  - **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Issue Date:** 04/OCT/2017
- **Contact:** Engineering Department
- **Revision Changes:**
  - v 1.0 - original SDS release (09/OCT/2015)
  - v 2.0 - revised section 2 (03/OCT/2017)
- **Abbreviations and acronyms:**
  - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - DOT: US Department of Transportation
  - IATA: International Air Transport Association
  - ACGIH: American Conference of Governmental Industrial Hygienists
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - NIOSH: National Institute for Occupational Safety
  - OSHA: Occupational Safety & Health
  - Acute Tox. 4: Acute toxicity – Category 4
  - Skin Irrit. 2: Skin corrosion/irritation – Category 2
  - Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
  - Skin Sens. 1: Skin sensitisation – Category 1
  - Asp. Tox. 1: Aspiration hazard – Category 1
  - Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

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