



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** No-Tox Syntex Food Grade Synthetic PAG Oil 150  
**Product Code** 301235  
**Other means of identification**  
**Synonyms** Old product Code 61790; For Package Codes 301235XXXXXX  
**Product Code** 301235

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

**Recommended use** Lubricant  
**Restrictions on use** Not available.

### Details of manufacturer or importer

#### Manufacturer

Calumet Branded Products, LLC  
GPO Darling Park Towers 2 201 Sussex St. Sydney AU NSW 2000 Australia  
2780 Waterfront Pkwy E. Dr., Suite 200 Indianapolis, IN 46214  
1 317 328 5660  
CHEMTREC: 1800 069 100 (AUS)

**NSF** Food-grade lubricant. NSF H1 Registered Number 138150.

## 2. Hazard(s) identification

### Classification of the hazardous chemical

**Physical hazards** Not classified.  
**Health hazards** Not classified.  
**Environmental hazards** Hazardous to the aquatic environment, acute Category 3 hazard

### Label elements, including precautionary statements

**Hazard symbol(s)** None.  
**Signal word** None.  
**Hazard statement(s)** The mixture does not meet the criteria for classification.  
**Precautionary statement(s)**  
**Prevention** Observe good industrial hygiene practices.  
**Response** Wash hands after handling.  
**Storage** Store away from incompatible materials.  
**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**Other hazards which do not result in classification** None known.

**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixture

| Identity of chemical ingredients         | CAS number and other unique identifiers | Concentration of ingredients |
|--|---|------------------------------|
| Polyalkylene Glycol (PAG)                | 9003-13-8                               | 90 - 100                     |
| Other components below reportable levels |   | 1 - < 3                      |

## 4. First-aid measures

### Description of necessary 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>Personal protection for first-aid responders</b> | Not available.   |
| <b>Symptoms caused by exposure</b>                  | Direct contact with eyes may cause temporary irritation.                                 |
| <b>Medical attention and special treatment</b>      | Treat symptomatically.   |

## 5. Fire-fighting measures

### Extinguishing media

|   |   |
|---|---|
| <b>Suitable extinguishing media</b>                                   | Water fog.  |
| <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 fire fighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Wear suitable protective equipment. |
| <b>Hazchem code</b>   | None.   |
| <b>Specific methods</b>   | Use standard firefighting procedures and consider the hazards of other involved materials.  |

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

|                                    |  |
|------------------------------------|--|
| <b>For non-emergency personnel</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS. |
| <b>For emergency responders</b>    | Not available.   |

### Environmental precautions

|  |   |
|--|---|
| <b>Methods and materials for containment and cleaning up</b> | <p>This product is miscible in water. Prevent entry into waterways, sewer, basements or confined areas.</p> <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. 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> |
|--|---|

## 7. Handling and storage

### Precautions for safe handling

### Conditions for safe storage, including any incompatibilities

|   |
|---|
| Observe good industrial hygiene practices.  |
| Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). |

## 8. Exposure controls and personal protection

### Control parameters

### Occupational exposure limits

### Biological limit values

|  |
|--|
| Follow standard monitoring procedures.                     |
| No exposure limits noted for ingredient(s).                |
| No biological exposure limits noted for the ingredient(s). |

**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, for example personal protective equipment (PPE)**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection**

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

**Other** Wear suitable protective clothing.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**Hygiene measures** 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

### Appearance

**Physical state** Liquid.

**Form** Liquid.

**Color** Not available.

**Odor** Not available.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** 392 °F (200 °C) estimated

**Flash point** 366.8 °F (186.0 °C) Pensky-Martens Closed Cup

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not applicable.

### Upper/lower flammability or explosive limits

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** 0.001 hPa estimated

**Density** 997.00 kg/m<sup>3</sup>

**Vapor density** Not available.

**Relative density** Not available.

### Solubility(ies)

**Solubility (water)** Partially

**Solubility (other)** Glycols

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** 156 cSt

**Viscosity temperature** 40

## Other physical and chemical parameters

|                             |                   |
|-----------------------------|-------------------|
| <b>Explosive properties</b> | Not explosive.    |
| <b>Oxidizing properties</b> | Not oxidizing.    |
| <b>Percent volatile</b>     | 0.01 % estimated  |
| <b>Pour point</b>           | -25.6 °F (-32 °C) |
| <b>Specific gravity</b>     | 1                 |
| <b>VOC</b>                  | 0.02 % estimated  |

## 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>                | Contact with incompatible materials.  |
| <b>Incompatible materials</b>             | Strong oxidizing agents.  |
| <b>Hazardous decomposition products</b>   | Irritants. Nitrogen oxides (NOx).   |

## 11. Toxicological information

### Information on possible routes of exposure

|                                     |  |
|-------------------------------------|--|
| <b>Inhalation</b>                   | No adverse effects due to inhalation are expected.       |
| <b>Skin contact</b>                 | No adverse effects due to skin contact are expected.     |
| <b>Eye contact</b>                  | Direct contact with eyes may cause temporary irritation. |
| <b>Ingestion</b>                    | Expected to be a low ingestion hazard.                   |
| <b>Symptoms related to exposure</b> | Direct contact with eyes may cause temporary irritation. |

| Product  | Species    | Test Results         |
|--|------------|----------------------|
| No-Tox Syntex Food Grade Synthetic PAG Oil 150 |            |                      |
| <b>Acute</b>                                   |            |                      |
| <b>Dermal</b>                                  |            |                      |
| LD50   | Rabbit     | 21 g/kg estimated    |
| <b>Oral</b>                                    |            |                      |
| LD50   | Guinea pig | 2.5 g/kg estimated   |
|  | Mouse      | 15000 g/kg estimated |
|  | Rabbit     | 3.4 g/kg estimated   |
|  | Rat        | 35 ml/kg estimated   |
|  |            | 6 g/kg estimated     |

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

|   |  |
|---|--|
| <b>Skin corrosion/irritation</b>                        | Due to partial or complete lack of data the classification is not possible.                                      |
| <b>Serious eye damage/irritation</b>                    | Direct contact with eyes may cause temporary irritation.   |
| <b>Respiratory or skin sensitization</b>                |  |
| <b>Respiratory sensitization</b>                        | Not a respiratory sensitizer.  |
| <b>Skin sensitization</b>                               | This product is not expected to cause skin sensitization.  |
| <b>Germ cell mutagenicity</b>                           | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| <b>Carcinogenicity</b>                                  | Due to lack of data the classification is not possible.  |
| <b>Reproductive toxicity</b>                            | This product is not expected to cause reproductive or developmental effects.                                     |
| <b>Specific target organ toxicity - single exposure</b> | Not classified.  |

|   |   |
|---|---|
| <b>Specific target organ toxicity - repeated exposure</b> | Due to lack of data the classification is not possible. |
| <b>Aspiration hazard</b>                                  | Not an aspiration hazard.                               |

## 12. Ecological information

|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity</b>                   | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| <b>Persistence and degradability</b> | No data is available on the degradability of this product.   |
| <b>Bioaccumulative potential</b>     |  |
| <b>Mobility in soil</b>              | This product is miscible in water.   |
| <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 methods</b>       | Collect and reclaim or dispose in sealed containers at licensed waste disposal site.   |
| <b>Residual waste</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>ADG</b>  | Not regulated as dangerous goods. |
| <b>RID</b>  | Not regulated as dangerous goods. |
| <b>IATA</b>   | Not regulated as dangerous goods. |
| <b>IMDG</b>   | Not regulated as dangerous goods. |
| <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | Not established.                  |

## 15. Regulatory information

### Safety, health and environmental regulations

|                             |   |
|-----------------------------|---|
| <b>National regulations</b> | This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals (23/12/2011). |
|-----------------------------|---|

### International regulations

#### International Inventories

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

| <b>Country(s) or region</b> | <b>Inventory name</b>                         | <b>On inventory (yes/no)*</b> |
|-----------------------------|---|-------------------------------|
| 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

**Issue date** 12-20-2016

**Revision date** 06-29-2018

**Disclaimer** Calumet Branded Products, LLC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

**Revision information** Composition / Information on Ingredients: Ingredients