



## SAFETY DATA SHEET

According to Canadian Hazardous Products Regulations (HPR) (SOR/2015/17)

SDS # : 088343

### AUTOSPEC ND SAE 30

Date of the previous version: 2018-02-08

Revision Date: 2018-02-08

Version 1

#### 1. IDENTIFICATION

##### Product identifier

Product name AUTOSPEC ND SAE 30

##### Other means of identification

Product Code(s) 088343

Number 5VM  
Substance/mixture Mixture

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

Identified uses Engine oil

Uses advised against Do not use for any purpose other than the one for which it is intended.

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

Supplier TOTAL CANADA INC.  
220, LAFLEUR  
LASALLE, QUEBEC  
H8R 4C9  
Tel: (514) 595-7579  
Fax: (514) 595-5950

Contact Point service HSE

E-mail Address info@total-lub.ca

##### Emergency telephone number

Emergency telephone 1-800-463-3955  
Company Phone Number +1 866 928 0789 (24h/24, 7d/7)  
+1 215 207 0061 (24h/24, 7d/7)

#### 2. HAZARDS IDENTIFICATION

##### Classification

The product is not classified as hazardous according to WHMIS

##### Label elements

The product is not classified as hazardous according to WHMIS

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### Hazard Statements

None

### Other information

#### Physical-Chemical Properties

Contaminated surfaces will be extremely slippery.

#### Environmental properties

The product may form an oil film on the water surface that may stop the oxygen exchange.  
Should not be released into the environment.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

#### Chemical nature

Mineral oil of petroleum origin.

The product contains no substances which at their given concentration, are considered to be hazardous to health.

#### Additional information

Product containing mineral oil with less than 3% DMSO extract as measured by IP 346

## 4. FIRST AID MEASURES

### First aid measures for different exposure routes

#### General advice

IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR  
EMERGENCY MEDICAL CARE.

#### Eye contact

Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing.

#### Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Remove contaminated clothing and shoes. Wash off with soap and water.

#### Inhalation

Remove casualty to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Inhalation of high concentrations of vapor or aerosols may cause irritation of the upper respiratory tract.

#### Ingestion

Clean mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately. If swallowed, do not induce vomiting - seek medical advice.

#### Protection of First-aiders

First aider needs to protect himself. See Section 8 for more detail. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper

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respiratory medical device. Use personal protective equipment.

### Most important symptoms/effects, acute and delayed

|                     |                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Skin contact</b> | Not classified based on available data.                                                                                        |
| <b>Eye contact</b>  | Not classified based on available data.                                                                                        |
| <b>Inhalation</b>   | Not classified based on available data. Inhalation of vapors in high concentration may cause irritation of respiratory system. |
| <b>Ingestion</b>    | Not classified based on available data. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.        |
| <b>Symptoms</b>     | No information available.                                                                                                      |

### Indication of immediate medical attention and special treatment needed, if necessary

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

## 5. FIRE-FIGHTING MEASURES

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Suitable Extinguishing Media</u></b>   | Carbon dioxide (CO <sub>2</sub> ). ABC powder. Foam. Water spray or fog.                                                                                                                                                                                                                                                                                                                                                                      |
| <b><u>Unsuitable Extinguishing Media</u></b> | Do not use a solid water stream as it may scatter and spread fire.                                                                                                                                                                                                                                                                                                                                                                            |
| <b><u>Special Hazard</u></b>                 | Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. Combustion products include sulphur oxides ( SO <sub>2</sub> and SO <sub>3</sub> ) and Hydrogen sulphide H <sub>2</sub> S. Phosphorous oxides. Mercaptans. Zinc oxides. Silicon dioxide. |

### Explosion Data

|                                                       |                                                                                                                                                                          |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sensitivity to Mechanical Impact</b>               | None.                                                                                                                                                                    |
| <b>Sensitivity to Static Discharge</b>                | None.                                                                                                                                                                    |
| <b>Special protective equipment for fire-fighters</b> | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate non-essential personnel. |

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

|                            |                                                                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Information</b> | Do not touch or walk through spilled material. Contaminated surfaces will be extremely slippery. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. |
| <b>Other information</b>   | See Section 12 for additional information.                                                                                                                                                       |

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### Environmental precautions

#### General Information

Do not allow material to contaminate ground water system. Prevent entry into waterways, sewers, basements or confined areas. Local authorities should be advised if significant spillages cannot be contained. Try to prevent the material from entering drains or water courses.

### Methods and material for containment and cleaning up

#### Methods for containment

Dike to collect large liquid spills. If necessary dike the product with dry earth, sand or similar non-combustible materials.

#### Methods for cleaning up

Dam up. Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### Advice on safe handling

For personal protection see section 8. Use only in well-ventilated areas. Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke.

#### Prevention of fire and explosion

Take precautionary measures against static discharges.

#### Hygiene measures

Ensure the application of strict rules of hygiene by the personnel exposed to the risk of contact with the product. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Regular cleaning of equipment, work area and clothing is recommended. Do not use abrasives, solvents or fuels. Do not dry hands with rags that have been contaminated with product. Do not put product contaminated rags into workwear pockets. Use personal protective equipment as required. Wash hands before breaks and at the end of workday. Wash hands with water as a precaution. Avoid breathing vapors, mist or gas. Do not wash off with: Fuel. Solvent. Abrasive. Avoid extended and repeated contact with the skin as this may cause skin conditions, which may also be aggravated by minor injuries or by contact with soiled clothing. Avoid prolonged and repeated contact with the skin, especially with used or waste product.

### Conditions for safe storage, including any incompatibilities

#### Technical measures/Storage conditions

Keep away from food, drink and animal feedingstuffs. Keep in a bunded area. Keep container tightly closed. Keep preferably in the original container. Otherwise reproduce all indication of the regulation label on the new container. Do not remove the hazard labels of the containers (even if they are empty). Design the installations in order to avoid accidental emissions of product (due to seal breakage, for example) onto hot casings or electrical contacts. Store at room temperature. Protect from moisture. Keep in a bunded area. Protect

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from frost, heat and sunlight. Store in original container. Keep in properly labeled containers.

**Materials to Avoid** Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

**Exposure limits** Mineral oil mist:  
USA: OSHA (PEL) TWA 5 mg/m<sup>3</sup>, NIOSH (REL) TWA 5 mg/m<sup>3</sup>, STEL 10 mg/m<sup>3</sup>, ACGIH (TLV) TWA 5 mg/m<sup>3</sup> (highly refined).

**Legend** See section 16

**Exposure controls**

**Engineering Measures** Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

**Individual protection measures, such as personal protective equipment**

**General Information** Protective engineering solutions should be implemented and in use before personal protective equipment is considered. The personal protective equipment (PPE) recommendations apply to the product ITSELF. In case of mixtures or formulations, it is suggested that you contact the relevant PPE suppliers.

**Eye/face protection** If splashes are likely to occur, wear safety glasses with side-shields.

**Skin and body protection** Wear suitable protective clothing. Protective shoes or boots.

**Hand Protection** Hydrocarbon-proof gloves: Fluorinated rubber. Nitrile rubber. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

**Respiratory protection** None under normal use conditions. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Respirator with combination filter for vapor/particulate. Warning ! filters have a limited use duration. The use of breathing apparatus must comply strictly with the manufacturer's instructions and the regulations governing their choices and uses.

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**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical and chemical properties**

|                                    |                              |                          |                       |
|------------------------------------|------------------------------|--------------------------|-----------------------|
| Appearance                         |                              | limpid                   |                       |
| Color                              |                              | No information available |                       |
| Physical State @20°C               |                              | liquid                   |                       |
| Odor                               |                              | Characteristic           |                       |
| Odor Threshold                     |                              | No information available |                       |
| <b>Property</b>                    | <b>Values</b>                | <b>Remarks</b>           | <b>Method</b>         |
| pH                                 |                              | Not applicable           |                       |
| Melting point/range                |                              | No information available |                       |
| Boiling point/boiling range        |                              | No information available |                       |
| Flash point                        | 246 °C<br>475 °F             | No information available | ASTM D93<br>ASTM D93. |
| Evaporation rate                   |                              | No information available |                       |
| Flammability Limits in Air         |                              |                          |                       |
| upper                              |                              | No information available |                       |
| Lower                              |                              | No information available |                       |
| Vapor Pressure                     |                              | No information available |                       |
| Vapor density                      |                              | No information available |                       |
| Relative density                   | 0.887                        | @ 15 °C                  |                       |
| Density                            | 887 kg/m³                    | @ 15 °C                  |                       |
| Water solubility                   |                              | Insoluble                |                       |
| Solubility in other solvents       |                              | No information available |                       |
| logPow                             |                              | No information available |                       |
| Autoignition temperature           |                              | Not applicable           |                       |
| Decomposition temperature          |                              | No information available |                       |
| Viscosity, kinematic               | 110 mm²/s                    | @ 40 °C                  | ASTM D445             |
| Explosive properties               | Not explosive                |                          |                       |
| Oxidizing Properties               | Not applicable               |                          |                       |
| Possibility of hazardous reactions | None under normal processing |                          |                       |
| <b>Other information</b>           |                              |                          |                       |
| Freezing Point                     |                              | No information available |                       |

**10. STABILITY AND REACTIVITY**

|                                           |                                                                               |
|-------------------------------------------|-------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | None under normal processing.                                                 |
| <b>Chemical stability</b>                 | Stable under recommended storage conditions.                                  |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use. None under normal |

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processing.

### Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition. Keep away from heat and sparks. Heat, flames and sparks. Take precautionary measures against static discharges. Heat (temperatures above flash point), sparks, ignition points, flames, static electricity. Strong oxidizing agents.

### Incompatible materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. Phosphorous oxides. Mercaptans. Combustion products include sulphur oxides ( SO<sub>2</sub> and SO<sub>3</sub> ) and Hydrogen sulphide H<sub>2</sub>S. Zinc oxides. Silicon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Symptoms

No information available.

#### Skin contact

Not classified based on available data.

#### Eye contact

Not classified based on available data.

#### Inhalation

Not classified based on available data. Inhalation of vapors in high concentration may cause irritation of respiratory system.

#### Ingestion

Not classified based on available data. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Acute toxicity - Product Information

##### Oral

Not classified based on available data

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

##### Dermal

Not classified based on available data

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

##### Inhalation

Not classified based on available data

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity

#### Acute toxicity - Component Information

##### Skin corrosion/irritation

Not classified based on available data.

##### Serious eye damage/eye irritation

Not classified based on available data.

##### Respiratory or skin sensitization

Not classified based on available data.

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### Germ cell mutagenicity Carcinogenicity

Not classified based on available data.  
Not classified based on available data. During use in engines, contamination of oil with low levels of combustion products occurs. Used motor oils have been shown to cause skin cancer in mice following repeated application and continuous exposure. Brief or intermittent skin contact with used motor oil is not expected to have serious effects in humans if the oil is thoroughly removed by washing with soap and water.

### Reproductive toxicity Target Organ Effects (STOT) STOT - single exposure STOT - repeated exposure Aspiration hazard

Not classified based on available data.  
None known.  
Not classified based on available data.  
Not classified based on available data.  
Not classified based on available data.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Acute aquatic toxicity - Product Information

No information available

#### Acute aquatic toxicity - Component Information

No information available

#### Chronic aquatic toxicity - Product Information

No information available

#### Chronic aquatic toxicity - Component Information

No information available

**Effects on terrestrial organisms** No information available.

### Persistence and degradability

No information available

### Bioaccumulative potential

**Product Information** No information available.

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logPow No information available

Component Information No information available.

### Mobility

Soil Given its physical and chemical characteristics, the product generally shows low soil mobility

Air Loss by evaporation is limited

Water The product is insoluble and floats on water

### Other adverse effects

General Information No information available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment

**Waste from residues/unused products** Should not be released into the environment. Do not empty into drains. Dispose of in accordance with all applicable national environmental laws and regulations. Where possible recycling is preferred to disposal or incineration. Other Regulatory Status: No Canadian federal standard; however, for general discharge guidance, federal installations limited to 15 mg/L for total oil and grease. Provincial criteria are likely and should be requested when notifying provincial authorities.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORT INFORMATION

TDG Not regulated

ICAO/IATA Not regulated

IMDG/IMO Not regulated

ADR/RID Not regulated

## 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) (SOR/2015/17) and the Safety Data Sheet (SDS) contains all the information required by the HPR

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**International Inventories**

All the substances contained in this product are listed or exempted from listing in the following inventories:

**International Inventories**Canada (DSL/NDSL)  
U.S.A. (TSCA)**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

|                    |                        |                       |                          |                              |
|--------------------|------------------------|-----------------------|--------------------------|------------------------------|
| <b><u>NFPA</u></b> | <b>Health Hazard 0</b> | <b>Flammability 1</b> | <b>Instability 0</b>     | <b>Special hazards -</b>     |
| <b><u>HMIS</u></b> | <b>Health Hazard 0</b> | <b>Flammability 1</b> | <b>Physical Hazard 0</b> | <b>Personal protection X</b> |

**Revision Date:** 2018-02-08  
**Revision Note** Initial Release

**Abbreviations, acronyms**

ACGIH = American Conference of Governmental Industrial Hygienists

bw = body weight

bw/day = body weight/day

EC x = Effect Concentration associated with x% response

GLP = Good Laboratory Practice

IARC = International Agency for Research of Cancer

LC50 = 50% Lethal concentration - Concentration of a chemical in air or a chemical in water which causes the death of 50% (one half) of a group of test animals

LD50 = 50% Lethal Dose - Chemical amount, given at once, which causes the death of 50% (one half) of a group of test animals

LL = Lethal Loading

NIOSH = National Institute of Occupational Safety and Health

NOAEL = No Observed Adverse Effect Level

NOEC = No Observed Effect Concentration

NOEL = No Observed Effect Level

OECD = Organization for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

UVCB = Substance of unknown or Variable composition, Complex reaction products or Biological material

NTP = National Toxicology Program

**Section 8**

TWA - Time Weight Average

STEL - Short Term Exposure Limits

|          |                     |    |                       |
|----------|---------------------|----|-----------------------|
| +        | Sensitizer          | *  | Skin designation      |
| C:       | Carcinogen          | R: | Toxic to reproduction |
| Ceiling: | Ceiling Limit Value |    |                       |

**This safety data sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated**

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herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.

**End of the Safety Data Sheet**

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