



TURBONYCOIL 3516

Safety Data Sheet

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

Date of issue: 01/30/2015

Revision date: 06/22/2017

Version: 1.1

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : TURBONYCOIL 3516
Product code : TN3516-2

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Industrial use

1.3. Supplier

NYCO AMERICA LLC
3900 East Indiantown Road
Suite 607- No. 161
Jupiter, FL 33477
T 1-877-872-6926
info@nycoamerica.com - www.nycoamerica.com

1.4. Emergency telephone number

Emergency number : USA , CANADA Chemtrec 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Asp. Tox. 1	H304	May be fatal if swallowed and enters airways
Aquatic Acute 3	H402	Harmful to aquatic life
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects

Full text of hazard classes and H-statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	: H304 - May be fatal if swallowed and enters airways H402 - Harmful to aquatic life H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (GHS-US)	: P273 - Avoid release to the environment P301+P310 - IF SWALLOWED: Immediately call a doctor P331 - Do NOT induce vomiting P405 - Store locked up

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

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Name	Product identifier	%	GHS-US classification
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by treating light vacuum gas oil and heavy vacuum gas oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil having a viscosity of approximately 15cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.]	(CAS-No.) 72623-86-0	50 - 100	Asp. Tox. 1, H304
2,6-di-tert-butyl-p-cresol	(CAS-No.) 128-37-0	0 - 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice (show the label where possible).
- First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. Seek medical advice (show the label where possible).
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice (show the label where possible).
- First-aid measures after ingestion : IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Seek medical advice (show the label where possible).

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation : At high concentrations, the vapours can be irritating to the respiratory system.
- Symptoms/effects after skin contact : Repeated exposure may cause skin dryness or cracking.
- Symptoms/effects after eye contact : Eye irritation.
- Symptoms/effects after ingestion : Possible irritation of mucous membranes and digestive tract, nausea, vomiting.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water spray. Foam. Dry powder. Carbon dioxide.
- Unsuitable extinguishing media : Strong water jet.

5.2. Specific hazards arising from the chemical

- Fire hazard : On burning: release of harmful/irritant gases/vapours. Carbon oxides (CO, CO₂).
- Reactivity : Stable at ambient temperature and under normal conditions of use.

5.3. Special protective equipment and precautions for fire-fighters

- Precautionary measures fire : Protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.1.1. For non-emergency personnel

- Protective equipment : See Headings 7 and 8.
- Emergency procedures : For a large spillage, contain the spillage by bunding.

6.1.2. For emergency responders

- Protective equipment : See Headings 7 and 8.
- Emergency procedures : For a large spillage, contain the spillage by bunding.

6.2. Environmental precautions

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

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6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Stable at ambient temperature and under normal conditions of use.

Precautions for safe handling : Wear suitable protective clothing. Personal protective equipment. When using do not eat, drink or smoke. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Avoid spilling the product, as this might cause falls. Provide local exhaust or general room ventilation.

Hygiene measures : When using do not eat or drink. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area.

Special rules on packaging : Store in original container. Keep container closed when not in use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by treating light vacuum gas oil and heavy vacuum gas oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil having a viscosity of approximately 15cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.] (72623-86-0)

ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³
OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³

2,6-di-tert-butyl-p-cresol (128-37-0)

ACGIH	Local name	Butylated hydroxytoluene
ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³
ACGIH	Remark (ACGIH)	URT irr

8.2. Appropriate engineering controls

Environmental exposure controls : Do not flush into surface water or sewer system.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Safety glasses. Protective clothing.

Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

Eye protection:

Safety glasses with side shields

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

No personal breathing protective equipment is normally required

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: Odourless.
Odour threshold	: No data available
pH	: No data available
Melting point	: -63 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 166 °C
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.846 kg/l @20°C
Solubility	: insoluble in water.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 10.85 mm²/s @40°C
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at ambient temperature and under normal conditions of use.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Elevated temperature.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
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LD50 oral rat	> 5000 mg/kg OECD 401
LD50 dermal rabbit	> 2000 mg/kg OECD 402
LC50 inhalation rat (mg/l)	>= 5.53 mg/l/4h OECD 403

2,6-di-tert-butyl-p-cresol (128-37-0)

LD50 oral rat	> 5000 mg/kg OECD 401
LD50 dermal rat	> 5000 mg/kg OECD 402

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

2,6-di-tert-butyl-p-cresol (128-37-0)

IARC group	3 - Not classifiable
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Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified

Specific target organ toxicity (repeated exposure)	: Not classified
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Aspiration hazard	: May be fatal if swallowed and enters airways.
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Symptoms/effects after inhalation	: At high concentrations, the vapours can be irritating to the respiratory system.
Symptoms/effects after skin contact	: Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Possible irritation of mucous membranes and digestive tract, nausea, vomiting.

SECTION 12: Ecological information

12.1. Toxicity

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by treating light vacuum gas oil and heavy vacuum gas oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil having a viscosity of approximately 15cSt at 40 °C. It contains a relatively large proportion of saturated hydrocabons.] (72623-86-0)

LC50 fish 1	> 100 mg/l 96h:Pimephales promelas (OECD 203)
EC50 Daphnia 1	> 10000 mg/l 48h:Daphnia magna (OECD 202)
NOEC chronic crustacea	10 mg/l 21d:Daphnia magna (OECD 211)
NOEC chronic algae	>= 100 mg/l 72h:Pseudokirchneriella subcapitata (OECD201)

2,6-di-tert-butyl-p-cresol (128-37-0)

LC50 fish 1	> 0.57 mg/l 96h:Danio rerio (EU C.1)
EC50 Daphnia 1	0.61 mg/l 48h:Daphnia magna (OECD 202)
NOEC chronic crustacea	0.316 mg/l 21d:Daphnia magna (OECD 202)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

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Effect on the global warming : No known effects from this product.
GWPmix comment : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Collect all waste in suitable and labelled containers and dispose according to local legislation.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

TURBONYCOIL 3516	
SARA Section 311/312 Hazard Classes	Not applicable

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

TURBONYCOIL 3516	
All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory	

15.3. US State regulations

2,6-di-tert-butyl-p-cresol (128-37-0)	
U.S. - New York - RTK List of Hazardous Substances U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List	

SECTION 16: Other information

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Full text of H-statements:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Acute 3	Hazardous to the aquatic environment — Acute Hazard, Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
H304	May be fatal if swallowed and enters airways
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

SDS US (GHS HazCom 2012)

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