# TURBONYCOIL 600
## Safety Data Sheet

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

Date of issue: 11/25/2014  
Revision date: 02/22/2017  
Version: 1.1

## SECTION 1: Identification

### 1.1. Identification

<table>
<thead>
<tr>
<th>Product form</th>
<th>Mixtures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade name</td>
<td>TURBONYCOIL 600</td>
</tr>
<tr>
<td>Product code</td>
<td>TN600-1</td>
</tr>
</tbody>
</table>

### 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**

| Skin Sens. 1 | H317 | May cause an allergic skin reaction |
| Repr. 2      | H361 | Suspected of damaging fertility or the unborn child |
| STOT RE 2    | H373 | May cause damage to organs through prolonged or repeated exposure |

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)**
  - ![](image)
  - ![image]

- **Signal word (GHS-US)**
  - Warning

- **Hazard statements (GHS-US)**
  - H317 - May cause an allergic skin reaction
  - H361 - Suspected of damaging fertility or the unborn child
  - H373 - May cause damage to organs through prolonged or repeated exposure

- **Precautionary statements (GHS-US)**
  - P260 - Do not breathe vapours
  - P272 - Contaminated work clothing must not be allowed out of the workplace
  - P280 - Wear protective gloves, protective clothing, eye protection
  - P302+P352 - IF ON SKIN: Wash with plenty of soap
  - P333+P313 - IF skin irritation or rash occurs: Get medical advice/attention
  - 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
TURBONYCOIL 600 Safety Data Sheet

Name: Phenol, isopropylated phosphate
CAS No: 68937-41-7
GHS-US classification: 2/2.5
Repr. 2, H361
STOT RE 2, H373
Aquatic Chronic 1, H410

Name: N-phenyl-1-Naphthylamine
CAS No: 90-30-2
GHS-US classification: 2/2
Acute Tox. 4 (Oral), H302
Skin Sens. 1, H317
STOT RE 2, H373
STOT SE 1, H317
STOT RE 2, H373
Aquatic Acute 1, H400
Aquatic Chronic 1, H410

Name: Benzamine, N-phenyl; reaction products with 2,4,4-trimethylpentene
CAS No: 68411-46-1
GHS-US classification: 2/2
Aquatic Chronic 3, H412

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/injuries after inhalation: At high concentrations, the vapours can be irritating to the respiratory system.
Symptoms/injuries after skin contact: Repeated exposure may cause skin dryness or cracking. irritation (itching, redness, blistering).
Symptoms/injuries after eye contact: Eye irritation.
Symptoms/injuries 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

Unsuitable extinguishing media: Strong water jet.

5.2. Specific hazards arising from the chemical

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.
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.

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

<table>
<thead>
<tr>
<th>Substance</th>
<th>Control parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenol, isopropylated, phosphate (68937-41-7)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>N-phenyl-1-Naphthylamine (90-30-2)</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

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
### SECTION 9: Physical and chemical properties

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>-57 °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>269 °C</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>0.992 kg/l @20°C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>25 mm²/s @40°C</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>

#### 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

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

#### Phenol, isopropylated phosphate (68937-41-7)

- **LD50 oral rat:** > 5000 mg/kg
- **LD50 dermal rabbit:** > 10000 mg/kg
- **LC50 inhalation rat (mg/l):** > 200 mg/l
**TURBONYCOIL 600**  
Safety Data Sheet  
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Substance and Mixtures</th>
<th>LD50 oral rat</th>
<th>LD50 dermal rat</th>
<th>LD50 oral rat</th>
<th>LD50 dermal rabbit</th>
<th>ATE US (oral)</th>
<th>Skin corrosion/irritation</th>
<th>Serious eye damage/irritation</th>
<th>Respiratory or skin sensitisation</th>
<th>Germ cell mutagenicity</th>
<th>Carcinogenicity</th>
<th>Reproductive toxicity</th>
<th>Specific target organ toxicity (single exposure)</th>
<th>Specific target organ toxicity (repeated exposure)</th>
<th>Aspiration hazard</th>
<th>Symptoms/injuries after inhalation</th>
<th>Symptoms/injuries after skin contact</th>
<th>Symptoms/injuries after eye contact</th>
<th>Symptoms/injuries after ingestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)</td>
<td>&gt; 2000 mg/kg</td>
<td>&gt; 2000 mg/kg</td>
<td>1625 mg/kg</td>
<td>&gt; 5000 mg/kg</td>
<td>500.000 mg/kg bodyweight</td>
<td>Not classified</td>
<td>Not classified</td>
<td>May cause an allergic skin reaction.</td>
<td>Not classified</td>
<td>Not classified</td>
<td>Suspected of damaging fertility or the unborn child.</td>
<td>Not classified</td>
<td>May cause damage to organs through prolonged or repeated exposure.</td>
<td>Not classified</td>
<td>At high concentrations, the vapours can be irritating to the respiratory system.</td>
<td>Repeated exposure may cause skin dryness or cracking. irritation (itching, redness, blistering).</td>
<td>Eye irritation.</td>
<td>Possible irritation of mucous membranes and digestive tract, nausea, vomiting.</td>
</tr>
<tr>
<td>N-phenyl-1-Naphthylamine (90-30-2)</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**SECTION 12: Ecological information**

12.1. Toxicity

<table>
<thead>
<tr>
<th>Substance and Mixtures</th>
<th>LC50 fish 1</th>
<th>EC50 Daphnia 1</th>
<th>ErC50 (algae)</th>
<th>NOEC chronic fish</th>
<th>Phenol, isopropylated, phosphate (68937-41-7)</th>
<th>LC50 fish 1</th>
<th>EC50 Daphnia 1</th>
<th>LC50 fish 2</th>
<th>NOEC chronic crustacea</th>
<th>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)</th>
<th>LC50 fish 1</th>
<th>EC50 Daphnia 1</th>
<th>N-phenyl-1-Naphthylamine (90-30-2)</th>
<th>LC50 fish 1</th>
<th>EC50 Daphnia 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TURBONYCOIL 600</td>
<td>&gt; 100 mg/l OECD 203 (Danio rerio)</td>
<td>&gt; 100 mg/l OECD 202</td>
<td>&gt; 100 mg/l OECD 201 (Pseudokirchnerella subcapitata)</td>
<td>&gt; 1 mg/l OECD 204</td>
<td>1.6 mg/l 96 h : Oncorhynchus mykiss</td>
<td>2.44 mg/l 48h: Daphnia magna</td>
<td></td>
<td>10.8 mg/l 96h: Pimephales promelas</td>
<td>0.041 mg/l 21d: Daphnia magna (OECD 211)</td>
<td>&gt; 71 mg/l 96h: Danio rerio (OCDE 203)</td>
<td>51 mg/l 48h: Daphnia magna (OCDE 202)</td>
<td>0.44 mg/l 96h</td>
<td>0.3 mg/l 48h</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

No additional information available
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

<table>
<thead>
<tr>
<th>TURBONYCOIL 600</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
</tr>
</tbody>
</table>

15.2. International regulations

CANADA
No additional information available

EU-Regulations
No additional information available

National regulations

<table>
<thead>
<tr>
<th>TURBONYCOIL 600</th>
</tr>
</thead>
<tbody>
<tr>
<td>All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory</td>
</tr>
</tbody>
</table>

15.3. US State regulations

Massachussetts : none of the components are listed
New York : none of the components are listed
New Jersey : none of the components are listed
Pennsylvania : none of the components are listed

California Prop. 65 : no products were found

SECTION 16: Other information

Revision date : 02/08/2017
Full text of H-statements:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Oral)</th>
<th>Acute toxicity (oral), Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment — Acute Hazard, Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 3</td>
</tr>
<tr>
<td>Repr. 2</td>
<td>Reproductive toxicity, Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Sensitisation — Skin, Category 1</td>
</tr>
<tr>
<td>STOT RE 2</td>
<td>Specific target organ toxicity — Repeated exposure, Category 2</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H361</td>
<td>Suspected of damaging fertility or the unborn child</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

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.