



# TURBONYCOIL 600

## Safety Data Sheet

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

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Version: 1.1

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixtures  
Trade name : TURBONYCOIL 600  
Product code : TN600-1

#### 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](mailto:info@nycoamerica.com) - [www.nycoamerica.com](http://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) :



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

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Note that phenol, isopropylated phosphate = triisopropylphenyl phosphate (TIPP)

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Name	Product identifier	%	GHS-US classification
Phenol, isopropylated, phosphate	(CAS No) 68937-41-7	0 - 2.5	Repr. 2, H361 STOT RE 2, H373 Aquatic Chronic 1, H410
N-phenyl-1-Naphthylamine	(CAS No) 90-30-2	0 - 2	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	(CAS No) 68411-46-1	0 - 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

- 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.  
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

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

Not applicable

#### Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

Not applicable

#### N-phenyl-1-Naphthylamine (90-30-2)

Not applicable

### 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	: -57 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 269 °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	: 0.992 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	: 25 mm <sup>2</sup> /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

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

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<b>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)</b>	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
<b>N-phenyl-1-Naphthylamine (90-30-2)</b>	
LD50 oral rat	1625 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
ATE US (oral)	500.000 mg/kg bodyweight
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
<b>Respiratory or skin sensitisation</b>	: <b>May cause an allergic skin reaction.</b>
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
<b>Reproductive toxicity</b>	: <b>Suspected of damaging fertility or the unborn child.</b>
Specific target organ toxicity (single exposure)	: Not classified
<b>Specific target organ toxicity (repeated exposure)</b>	: <b>May cause damage to organs through prolonged or repeated exposure.</b>
Aspiration hazard	: Not classified
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.
<b>Symptoms/injuries after ingestion</b>	: <b>Possible irritation of mucous membranes and digestive tract, nausea, vomiting.</b>

## SECTION 12: Ecological information

### 12.1. Toxicity

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

### 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 600

SARA Section 311/312 Hazard Classes

Delayed (chronic) health hazard  
Immediate (acute) health hazard

#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

##### National regulations

##### TURBONYCOIL 600

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

Massachusetts : 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

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Full text of H-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Sens. 1	Sensitisation — Skin, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H302	Harmful if swallowed
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
H400	Very toxic 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*