



NYCO

TURBONYCOIL 600

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Issue date: 05/10/2012 Revision date: 09/12/2022 Supersedes version of: 04/12/2019 Version: 6.4

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

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

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Industrial use
Function or use category : Lubricant

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

NYCO
66 Avenue des Champs Elysées - BP414
75366 Paris Cedex 08
France
T +33 (0)1 45 61 50 00
info@nyco-group.com - www.nyco-group.com

1.4. Emergency telephone number

Emergency number : +33 (0)1 45 42 59 59
INRS/ORFILA (France) : 33 1 45 42 59 59

| Country | Organisation/Company | Address | Emergency number | Comment |
|----------------|--|-----------------------------------|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH Birmingham | 0344 892 0111 | Only for healthcare professionals |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements : EUH208 - Contains N-phenyl-1-Naphthylamine. May produce an allergic reaction.

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|----------------------------------|--|----------|---|
| Phenol, isopropylated, phosphate | CAS-No.: 68937-41-7 EC-No.: 273-066-3 REACH-no: 01-2119535109-41 | 0 - 2,5 | Repr. 2, H361fd STOT RE 2, H373 Aquatic Chronic 1, H410 |
| N-phenyl-1-Naphthylamine | CAS-No.: 90-30-2 EC-No.: 201-983-0 REACH-no: 01-2119488704-27 | 0 - 0,99 | Acute Tox. 4 (Oral), H302 (ATE=1625 mg/kg bodyweight) Skin Sens. 1B, H317 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

Full text of H- and EUH-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 person to fresh air and keep comfortable for breathing. Seek medical advice (show the label where possible). If breathing is difficult, give oxygen. |
| 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, both 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. irritation (itching, redness, blistering). |
| Symptoms/effects after eye contact | : Eye irritation. |
| Symptoms/effects after ingestion | : Possible irritation of mucous membranes and digestive tract, nausea, vomiting. |

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

| | |
|-------------|--|
| Fire hazard | : On burning: release of harmful/irritant gases/vapours. Carbon oxides (CO, CO ₂). |
|-------------|--|

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5.3. Advice for firefighters

| | |
|--------------------------------|--|
| Precautionary measures fire | : Appropriate personal protective equipment. |
| Protection during firefighting | : Use self-contained breathing apparatus. |
| Other information | : In case of fire and/or explosion do not breathe fumes. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|--|
| General measures | : Ventilate area. 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. Avoid breathing vapors or spray mists. Use only in well ventilated areas. |
| 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 original container. Store in dry, cool, well-ventilated area. |
| Special rules on packaging | : Keep container closed when not in use. |

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

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8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

| Phenol,isopropylated,phosphate (68937-41-7) | |
|---|-------------------------|
| DNEL/DMEL (Workers) | |
| Acute - systemic effects, inhalation | 700 mg/m ³ |
| Long-term - systemic effects, inhalation | 0,145 mg/m ³ |
| DNEL/DMEL (General population) | |
| Acute - systemic effects, inhalation | 350 mg/m ³ |
| Long-term - systemic effects, inhalation | 0,07 mg/m ³ |

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses. Protective clothing.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses with side shields

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

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

8.2.2.3. Respiratory protection

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Do not flush into surface water or sewer system. Monitor the atmosphere at regular intervals.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-------------------------------|
| Physical state | : Liquid |
| Colour | : amber. |
| Odour | : Not available |
| Odour threshold | : Not available |
| Melting point | : -57 °C |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Not available |
| Explosive limits | : Not available |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : 269 °C |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| pH | : Not applicable |
| Viscosity, kinematic | : 25 mm ² /s @40°C |
| Solubility | : insoluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50°C | : Not available |
| Density | : 0,992 kg/l @20°C |
| Relative density | : Not available |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

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

High temperature.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature.

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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

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

| | |
|-----------------------|---------------|
| LD50 dermal rabbit | > 10000 mg/kg |
| LC50 Inhalation - Rat | > 200 mg/l |

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

| | |
|--------------------|--------------|
| LD50 oral rat | 1625 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Not classified pH: Not applicable |
| Serious eye damage/irritation | : Not classified pH: Not applicable |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |

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

| | |
|------------------------|--|
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
|------------------------|--|

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

| | |
|------------------------|---|
| STOT-repeated exposure | May cause damage to organs (blood system) through prolonged or repeated exposure. |
|------------------------|---|

| | |
|-------------------|------------------|
| Aspiration hazard | : Not classified |
|-------------------|------------------|

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| | |
|----------------------|----------------|
| Viscosity, kinematic | 25 mm²/s @40°C |
|----------------------|----------------|

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|------------------|
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

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| | |
|----------------------|--|
| LC50 - Fish [1] | > 100 mg/l OECD 203 (Danio rerio) |
| EC50 - Crustacea [1] | > 100 mg/l OECD 202 |
| ErC50 algae | > 100 mg/l OECD 201 (Pseudokirchnerella subcapitata) |
| NOEC chronic fish | > 1 mg/l OECD 204 |

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

| | |
|------------------------|--|
| LC50 - Fish [1] | 10,8 mg/l 96h |
| EC50 - Crustacea [1] | 1,5 mg/l 48h:Daphnia magna |
| ErC50 algae | > 2,5 mg/l 96h:Pseudokirchneriella subcapitata |
| NOEC chronic fish | 0,0031 mg/l 33d:Pimephales promelas (OECD 210) |
| NOEC chronic crustacea | 0,041 mg/l 21d:Daphnia magna (OECD 211) |

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

| | |
|----------------------|---|
| LC50 - Fish [1] | 0,44 mg/l 96h |
| EC50 - Crustacea [1] | 0,3 mg/l 48h:Daphnia |
| EC50 96h - Algae [1] | 0,96 mg/l 96h:Pseudokirchneriella subcapitata |

12.2. Persistence and degradability

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

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

12.3. Bioaccumulative potential

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

| | |
|---|-------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 4,47 estimated |
| Bioaccumulative potential | No bioaccumulation potential. |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|------------------------------|---------------|---------------|---------------|---------------|
| 14.1. UN number or ID number | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |

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| ADR | IMDG | IATA | ADN | RID |
|---|---------------|---------------|---------------|---------------|
| 14.2. UN proper shipping name | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.3. Transport hazard class(es) | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.4. Packing group | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.5. Environmental hazards | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

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Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-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 |
| EUH208 | Contains N-phenyl-1-Naphthylamine. May produce an allergic reaction. |
| H302 | Harmful if swallowed. |
| H317 | May cause an allergic skin reaction. |
| H361fd | Suspected of damaging fertility. Suspected of damaging 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. |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Sens. 1B | Skin sensitisation, category 1B |
| STOT RE 2 | Specific target organ toxicity – Repeated exposure, Category 2 |

Safety Data Sheet (SDS), EU

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.