



SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: TURBONYCOIL 600

Product code: TN600-1

Company/undertaking identification:

Registered company name: NYCO S.A..

Address: 49, rue de Ponthieu.75008.PARIS.France.

Telephone: +33 (0)1 45 61 50 00. Fax:+33 (0)1 45 61 50 13. Telex:.

info@nyco.fr

www.nyco.fr

Emergency telephone: +33 (0)1 45 42 59 59.

Association/Organisation: INRS / ORFILA www.centres-anti-poison.net.

Use of the substance/preparation:

Synthetic lubricating oil for aircraft turbines

2 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site

This preparation is not classed as hazardous to health by directive 1999/45/EC.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other data:

This product is not expected to produce adverse health effects under normal conditions of use and with appropriate personal hygiene practices.

Product may decompose at elevated temperatures or under fire conditions and produce harmful gases or vapours. Vapours or mist of heated product may be harmful by inhalation.

The product shall be used only for its intended use described in section 1. For any other use, please contact the manufacturer.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

INDEX	CAS	EC	Name	Symb.	R:	%
115_86_6	115-86-6	204-112-2	TRIPHENYL PHOSPHATE	N	50/53	0 <= x % < 2.5
68411_46_1	68411-46-1	270-128-1	BENZENAMINE, N-PHENYL-, REACTION PRODUCTS WITH 2,4,4-TRIMETHYLPENTENE	N	51/53	0 <= x % < 2.5

Substances present at a concentration below the minimum danger threshold:

INDEX	CAS	EC	Name	Symb.	R:	%
68937_41_7	68937-41-7	273-066-3	PHENOL, ISOPROPYLATED, PHOSPHATE (3:1	Xn	62.F3 63.G3	0 <= x % < 2.5

Other substances with occupational exposure limits:

No known substance in this category present.

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation:

Remove immediately from exposure. Avoid exposure of other personnel. Use adequate respiratory protection and seek medical assistance if dizziness, nausea or respiratory irritation occurs.

In the event of splashes or contact with eyes:

Rinse at once with water, carry on during at least 15 minutes, also under the eyelids. If eye irritation persists, consult a specialist

In the event of splashes or contact with skin:

Take off at once the soiled clothes. Wash with soap and water. Seek medical advice if a problem persists

In the event of swallowing:

Seek immediate medical assistance. Rinse the mouth with water.

5 - FIRE-FIGHTING MEASURES

Not relevant.

Suitable extinguishing media:

Carbon dioxide (CO2) - Foam - Dry chemicals

Special protective equipment for fire-fighters:

Fire-fighters must use self-contained breathing apparatus. Product may generate irritating and harmful gases/vapours/fumes when heated and burning, including aldehydes, carbon monoxide, pyrolyzed organic phosphates and phosphorus oxides.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Handle in well ventilated areas.

Fire prevention:

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations

Prohibited equipment and procedures:

Smoking, eating and drinking are prohibited in premises where the preparation is used

Never open the packages under pressure

Storage:

Keep the container tightly closed in a dry place.

Ground of buildings must be impervious and build an hoding back basin to avoid liquid leakage outside in case of accidental overflow

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Exposure limit values per INRS ED 984:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
115-86-6	-	3	-	-	-	-

Exposure limit values (2003-2006):

UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:
115-86-6	3 mg/m3	6 mg/m3	-	-	-
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
115-86-6	3 mg/m3	6 mg/m3	-	-	-
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
115-86-6	3 mg/m3	-	-	-	-

Respiratory protection:

No protection is required under normal conditions of use and with adequate ventilation. Wear an approved respirator in the presence of aerosols and when in contact with the heated product vapours.

Hand protection:

Type of gloves recommended :

When using gloves they must be in nitrile rubber (HNBR)

Eye and face protection:

In the event of splashing wear security goggles

Skin protection:

For further information, see § 11 of S.D.S. - Toxicological information.

9 - PHYSICAL AND CHEMICAL PROPERTIES**General information:**

Physical state:	fluid liquid
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Important health, safety and environmental information:

pH of the substance or preparation:	not relevant.
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The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range:	not relevant.
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Flash point interval:	Flash point > 60°C
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Flash point:	271.00 °C.
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Vapour pressure:	Below 110 kPa (1.10 bar).
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Density:	< 1
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Density:	0.993 kg/dm3 @ 20°C
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Water solubility:	Insoluble.
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Viscosity:	5 mm ² /s @ 100°C
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Other information:

melting point/melting range:	-57 °C.
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Self-ignition temperature:	not relevant.
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Decomposition point/decomposition range :	not relevant.
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10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

Conditions to avoid:

Caoutchouc naturel, polyacrylate, polybutadiène et assimilés.

Hazardous decomposition products:

Mono and Di oxides of carbon. Phosphorus oxides

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

Ecotoxicity:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :

13 02 06

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2007 - IMDG 2006 - ICAO/IATA 2007).

15 - REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2008/58/EC with the 30° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

This product is not classed as flammable.

Particular hazards associated with the preparation and safety recommendations:

R 52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets.

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 3:

R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 62.F3	Possible risk of impaired fertility.
R 63.G3	Possible risk of harm to the unborn child.