



SAFETY DATA SHEET

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

Identification of the substance or preparation:

Name: HYDRAUNYCOIL FH 4440

Product code: FH4440-2

Company/undertaking identification:

Registered company name: NYCO S.A..

Address: 66, avenue des Champs Elysées.75008.PARIS.France.

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

info@nyco.fr

www.nyco.fr

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

Association/Organisation: INRS / ORFILA www.centres-antipoison.net.

Use of the substance/preparation:

Synthetic hydraulic fluid

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.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

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:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

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:

In the event of heavy inhalation, take the patient to fresh air and keep him warm and quiet

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:

If the ingested quantity is low, rinse the mouth with water and, if the patient feels unwell, refer to a doctor

5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide (CO₂) - Foam - Dry chemicals

Special protective equipment for fire-fighters:

In case of abundant fumes, fire fighters must use self-contained breathing apparatus.

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.

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:

Every opened packing must, as far as possible, be entirely emptied

Storage:

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.

Technical measures:

Personnel shall wear regularly laundered overalls.

Hand protection:

Type of gloves recommended :

- Nitrile

Eye and face protection:

In the event of splashing wear security goggles

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.
Flash point interval:	Flash point > 60°C
Flash point:	264.00 °C.
Vapour pressure:	Below 110 kPa (1.10 bar).
Density:	< 1
Density:	0,941 kg/dm ³ @ 20°C
Water solubility:	Insoluble.
Viscosity:	46 mm ² /s @ 40°C

Other information:

melting point/melting range:	-39 °C.
Self-ignition temperature:	not relevant.

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,

Hazardous decomposition products:

By burning : carbon mono- and di-oxides

11 - TOXICOLOGICAL INFORMATION

The preparation contains no substance classed as hazardous per directive 67/548/EEC.

No data is available regarding the preparation itself.

12 - ECOLOGICAL INFORMATION

Persistence and degradability:

Biodegradation superior to 60 % (OECD 301 B)

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) :

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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 2009 - IMDG 2008 - ICAO/IATA 2009).

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.

In addition directive 2009/2/EC with the 31° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

In addition Regulation (EC) No 1272/2008 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.

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: