

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

1.1 Identification of the substance or preparation

1.1.1 Product name

NEXBASE® 200X (X= 4, 6, 8)

1.1.2 Product code

823900, 825900, 826900

1.2 Use of the substance/preparation

1.2.1 Expressed in writing

Baseoil

1.3 Company/undertaking identification

1.3.1 Supplier

Neste Oil N.V.

1.3.2 Contact information

P.O.Box

Industrieweg 154

Postcode and post office

B-3583 Beringen, BELGIUM

Telephone

+32 11 459 511

Telefax

+32 11 459 512

Business ID

BE451.251.225

Email

pao@nesteoil.com

1.4 Emergency telephone

1.4.1 Telephone number, name and address

Antigifcentrum - Centre Antipoison, tel. +32 70 245 245 , Rue Bruynstraat, B-1120 Brussel, Belgium

2. HAZARDS IDENTIFICATION

FIRE AND EXPLOSION HAZARD: The product is not classified as dangerous.

HEALTH HAZARD: The product is not classified as dangerous. Oil mist may irritate the eyes and the respiratory tract.

ENVIRONMENTAL HAZARD: The product is not classified as dangerous. Risk of soil and ground water contamination.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Hazardous components

3.1.1

CAS number

68037-01-4

3.1.2

Chemical name of the substance

Hydrogenated polydecene

3.1.3

Concentration

100 %

3.1.4

Warning symbol, R phrases and other information

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3.1.7 Other information

synthetic baseoil

No-Longer Polymer No.: 500-183-1

4. FIRST AID MEASURES

4.1 Additional advice

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4.2 Inhalation

If the person exposed to oil mist or vapour has fatigue or nausea, he shall be moved into fresh air. If symptoms persist, call a physician.

4.3 Skin contact

Wash the skin with plenty of water and soap. If skin irritation persists, consult a physician.

4.4 Eye contact

Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

4.5 Ingestion

Do not induce vomiting. Rinse mouth. Consult a physician for severe cases.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Foam, dry powder, carbon dioxide.

5.2 Extinguishing media which must not be used for safety reasons

Water spray

5.4 Special protection equipment for firefighters

Self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Take measures to prevent the build up of electrostatic charge

6.2 Environmental precautions

Restrict spreading of product into sewer, the ground, surface and ground water by embanking with sand, soil or other suitable absorptive material.

6.3 Clean-up methods

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Product waste should be disposed in accordance with item 13.

6.4 Further information

In case of spill, immediately contact local authorities.

7. HANDLING AND STORAGE

7.1 Handling

Keep away from open flames, hot surfaces and sources of ignition. Wear safety shoes while handling containers.

Take measures to prevent the build up of electrostatic charge

7.2 Storage

Keep tightly closed in a dry and cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

8.1.1 Threshold limits

Oil mist 5 mg/m³ (8 h)
HTP 2009 /FIN

8.1.2 Other information on limit values

The occupational exposure monitoring method: Oil mist: NIOSH Method 5026, SFS-EN 689

8.1.3 Limit values in other countries

Oil mist: 5 mg/m³ (TWA / ACGIH)

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide efficient ventilation. Wear protective equipment when needed.

8.2.1.1 Respiratory protection

Aerosol / oil mist: Half mask with a particle filter P2 (EN 143).

8.2.1.2 Hand protection

Protective gloves (e.g. of nitrile, neoprene, PVC). Protective index: 4 (> 120 min, EN 374). Change protective gloves regularly.

8.2.1.3 Eye protection

Safety goggles.

8.2.1.4 Skin protection

Protective clothing when needed.

8.2.2 Environmental exposure controls

Take precautionary measures to prevent product spills into drains, the ground or waters.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information (appearance, odour)

Liquid, colourless, clear, odourless.

9.2 Important health, safety and environmental information

9.2.1 pH

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9.2.2 Boiling point/range

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9.2.3 Flash point

> 200 °C , (ASTM D-92).

9.2.5 Explosive properties

9.2.5.1 Lower explosive limit

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9.2.5.2 Upper explosive limit

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9.2.7 Vapour pressure

< 1 Pa (100°C)

9.2.8 Relative density

0,81-0,84 (15 °C) , (ASTM D-4052).

9.2.9 Solubility

9.2.9.1 Water solubility

Practically insoluble ; < 0,1 mg/l (20 °C) (Method A6 Dir 92/69/EEC)

9.2.9.2 Fat solubility (solvent /oil to be specified)

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9.2.10 Partition coefficient (n-octanol/water)

logPow > 6.5 (Method A8 Dir 92/69/EEC)

9.2.11 Viscosity

Viscosity, kinematic 17-51 mm²/s (40°C) , varies according to the grade , (ASTM D-445).

10. STABILITY AND REACTIVITY

10.2 Materials to avoid

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10.3 Hazardous decomposition products

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11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicity

Toxicological data are based on tests with corresponding products or components. Very low toxicity when swallowed (LD50>2000 mg/kg) and in contact with skin(LD50>2000 mg/kg).

- 11.2 Irritation and corrosion**
No eye irritation. No skin irritation
- 11.3 Sensitisation**
Non-sensitizing
- 11.4 Subacute, subchronic and prolonged toxicity**
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- 11.5 Human experience**
Oil mist irritates the eyes and the respiratory tract.

12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity**
- 12.1.1 Aquatic toxicity**
Very low toxicity:
LL50/96h/[Rainbow trout] > 1000 mg/l
EC50/72h/algae > 1000 mg/l (NEXBASE 2002 & NEXBASE 2006FG)
- 12.2 Mobility**
Product does not evaporate from surface soil or water. It is insoluble in water.
- 12.3 Persistence and degradability**
- 12.3.1 Biodegradation**
Not readily degradable.
- 12.4 Bioaccumulative potential**
No data.
- 12.6 Other adverse effects**
Water Hazard Class WGK=1 (Germany)

13. DISPOSAL CONSIDERATIONS

Dispose of as special waste in compliance with local and national regulations.

14. TRANSPORT INFORMATION

- 14.1 UN-No** -
- 14.3 Land transport**
- 14.3.1 ADR/RID** -
- 14.3.4 Further information** Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR
- 14.4 Sea transport**
- 14.4.1 IMDG** -
- 14.4.3 Further information** Bulk: (MARPOL 73/78, Annex II): Noxious liquid, NF (5) n.o.s. (NEXBASE 2004 / NEXBASE 2006 / NEXBASE 2008, contains polyolefin (mw +300)) ST 2, Cat. Y
- 14.5 Air transport**
- 14.5.1 ICAO/IATA** -

15. REGULATORY INFORMATION

- 15.1 Information on the warning label**
- 15.1.1 Letter code of the warning symbol and indications of danger for the preparation**

15.1.3 R-phrases(s)

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16. OTHER INFORMATION**16.4 Further information**

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16.5 Literary reference

Regulations, databases, literature, own researches.

16.6 Additions, deletions, revisions

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