



NYCO GREASE GN 10

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

1.1. Product identifier

Product form : Mixtures
Trade name : NYCO GREASE GN 10
Product code : GN10-3

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
Use of the substance/mixture : Grease
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.fr - www.nyco.fr

1.4. Emergency telephone number

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin Sens. 1 H317
Aquatic Chronic 3 H412

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
Hazardous ingredients : N,N-bis(2-ethylhexyl)-4/5-methyl-1H-benzotriazole-1-methylamine; N-phenyl-1-Naphthylamine
Hazard statements (CLP) : H317 - May cause an allergic skin reaction
H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (CLP) : P261 - Avoid breathing vapours
P272 - Contaminated work clothing should not be allowed out of the workplace
P273 - Avoid release to the environment
P280 - Wear protective gloves, protective clothing, eye protection
P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

2.3. Other hazards

No additional information available

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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]
Dec-1-ene, Trimers, Hydrogenated	(CAS No) 157707-86-3 (EC No) 500-393-3	10 - 25	Asp. Tox. 1, H304
N-phenyl-1-Naphthylamine	(CAS No) 90-30-2 (EC No) 201-983-0	0 - 2.5	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
N,N-bis(2-ethylhexyl)-4/5-methyl-1H-benzotriazole-1-methylamine	(REACH-no) 01-2119982395-25	0 - 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.
First-aid measures after inhalation	: To our knowledge, the product does not present any particular risk, under normal conditions of use.
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/injuries after inhalation	: To our knowledge, the product does not present any particular risk, under normal conditions of use.
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. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Fire-fighting 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	: Protective equipment.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Avoid spilling the product, as this might cause falls.
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6.1.1. For non-emergency personnel

Protective equipment	: See Headings 7 and 8.
Emergency procedures	: Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).

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6.1.2. For emergency responders

- Protective equipment : See Headings 7 and 8.
Emergency procedures : For a large spillage, contain the spillage by bunding. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).

6.2. Environmental precautions

No additional information available

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. Provide local exhaust or general room ventilation.
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.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

N-phenyl-1-Naphthylamine (90-30-2)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.12 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.0002 mg/l
PNEC aqua (marine water)	0.00002 mg/l
PNEC aqua (intermittent, freshwater)	0.002 mg/l
PNEC (STP)	
PNEC sewage treatment plant	100 mg/l
N,N-bis(2-ethylhexyl)-4/5-methyl-1H-benzotriazole-1-methylamine	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.4 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1.3 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.3 mg/m ³
Long-term - systemic effects, dermal	0.2 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.000976 mg/l
PNEC aqua (marine water)	0.000098 mg/l
PNEC aqua (intermittent, freshwater)	0.00976 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.0121 - 4.23 mg/kg dwt
PNEC sediment (marine water)	0.00121 - 0.423 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.00184 - 0.842 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	0.69 mg/l

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8.2. Exposure controls

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



Environmental exposure controls:

Do not flush into surface water or sewer system.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Pasty.
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 187 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: 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	: 0.92 kg/l @20°C
Solubility	: insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 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.

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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

Dec-1-ene, Trimers, Hydrogenated (157707-86-3)

LD50 oral rat	> 2000 mg/kg
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N-phenyl-1-Naphthylamine (90-30-2)

LD50 oral rat	1625 mg/kg
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LD50 dermal rabbit	> 5000 mg/kg
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N,N-bis(2-ethylhexyl)-4/5-methyl-1H-benzotriazole-1-methylamine

LD50 oral rat	3313 mg/kg
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LD50 dermal rat	> 2000 mg/kg
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Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Dec-1-ene, Trimers, Hydrogenated (157707-86-3)

LC50 fish 1	> 1000 mg/l 96h
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EC50 Daphnia 1	> 1000 mg/l 48h
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NOEC (acute)	1000 mg/l 72h:Algae
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NOEC chronic crustacea	125 mg/l 21d:Daphnia magna
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N-phenyl-1-Naphthylamine (90-30-2)

LC50 fish 1	0.44 mg/l 96h
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EC50 Daphnia 1	0.3 mg/l 48h
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N,N-bis(2-ethylhexyl)-4/5-methyl-1H-benzotriazole-1-methylamine

LC50 fish 1	1.3 mg/l 96h:Brachydanio rerio (OECD 203)
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EC50 Daphnia 1	2.05 mg/l 48h:Daphnia magna (OECD 202)
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EC50 72h algae (1)	0.976 mg/l 72h:Desmodesmus subspicatus (OECD 201)
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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

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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. 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 / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

No data available

- Rail transport

No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

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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
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, Category 1
Skin Sens. 1B	Sensitisation — Skin, category 1B
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
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
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

SDS EU (REACH Annex II)

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