

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Trade name : NYCO GREASE GN 15  
Product code : GN15-7

**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-group.com](mailto:info@nyco-group.com) - [www.nyco-group.com](http://www.nyco-group.com)

Supplied by:  
**Sil-Mid Limited**  
Roman Park, Roman Way  
Coleshill, West Midlands  
B46 1HG. UK  
T: 01675 432850  
E: [info@silmid.com](mailto:info@silmid.com)  
**Emergency Telephone No.** +44 (0)1675 432850  
(Monday to Friday, 08:00 – 17:30 – GMT)

**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]**

Aquatic Chronic 3 H412

Full text of hazard classes, H- and EUH-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]**

Signal word (CLP) : -  
Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.  
Precautionary statements (CLP) : P273 - Avoid release to the environment.  
EUH-statements : EUH208 - Contains N-phenyl-1-Naphthylamine. May produce an allergic reaction.

**2.3. Other hazards**

Contains no PBT/vPvB substances ≥ 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]
N-phenyl-1-Naphthylamine	CAS-No.: 90-30-2 EC-No.: 201-983-0 REACH-no: 01-2119488704-27	0 – 1	Acute Tox. 4 (Oral), H302 (ATE=1625 mg/kg bodyweight) Skin Sens. 1B, H317 STOT RE 2, H373 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	CAS-No.: 68411-46-1 EC-No.: 270-128-1 REACH-no: 01-2119491299-23	0 – 1	Repr. 2, H361f Aquatic Chronic 3, H412
diphenylamine substance with national workplace exposure limit(s) (GB)	CAS-No.: 122-39-4 EC-No.: 204-539-4 EC Index-No.: 612-026-00-5	0 – 0,01	Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight) Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg bodyweight) Acute Tox. 3 (Inhalation), H331 (ATE=0,5 mg/l/4h) 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 : 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/effects after inhalation : To our knowledge, the product does not present any particular risk, under normal conditions of use.

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

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### 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, CO2).

#### 5.3. Advice for firefighters

Precautionary measures fire : Protective equipment.

### 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.

##### 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).

##### 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

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

###### diphenylamine (122-39-4)

###### United Kingdom - Occupational Exposure Limits

Local name	Diphenylamine
WEL TWA (OEL TWA) [1]	10 mg/m <sup>3</sup>
WEL STEL (OEL STEL)	20 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

###### Oil mist

###### EU - Indicative Occupational Exposure Limit (IOEL)

IOEL TWA	5 mg/m <sup>3</sup> 8h
IOEL STEL	10 mg/m <sup>3</sup> 15min

##### 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

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

###### DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	0,05 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0,18 mg/m <sup>3</sup>

###### 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
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##### 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):



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### 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:

No personal breathing protective equipment is normally required

### 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.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Brown.
Appearance	: Pasty.
Odour	: Not available
Odour threshold	: Not available
Melting point	: 201 °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	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not applicable
Viscosity, kinematic	: Not available
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	: 0,89 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

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### 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

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 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

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

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

#### Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

LD50 oral rat	> 5000 mg/kg OECD 401
LD50 dermal rat	> 2000 mg/kg OECD 402

Skin corrosion/irritation	: Not classified pH: Not applicable
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#### Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

pH	5,1 – 6,2
Serious eye damage/irritation	: Not classified pH: Not applicable

#### Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

pH	5,1 – 6,2
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

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

STOT-repeated exposure	May cause damage to organs (blood system) through prolonged or repeated exposure.
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### diphenylamine (122-39-4)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified

### Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

Viscosity, kinematic	352,7 mm <sup>2</sup> /s @40°C
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## 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)	: Harmful to aquatic life with long lasting effects.

### 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

### Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

LC50 - Fish [1]	> 100 mg/l 96h: Brachydanio r閍rio (OCDE 203)
EC50 - Crustacea [1]	51 mg/l 48h: Daphnia magna (OCDE 202)
ErC50 algae	> 100 mg/l Desmosdesmus subspicatus (OECD 201)
NOEC chronic algae	≥ 10 mg/l Pseudokirchneriella subcapitata (OECD 201)

### diphenylamine (122-39-4)

LC50 - Fish [1]	2,2 mg/l 96h: Oncorhynchus mykiss
EC50 - Crustacea [1]	1,2 mg/l 48h:Daphnia magna
EC50 72h - Algae [1]	2,17 mg/l 72h:Pseudokirchneriella subcapitata
NOEC chronic algae	0,37 mg/l 72h:Pseudokirchneriella subcapitata

## 12.2. Persistence and degradability

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

Persistence and degradability	Readily biodegradable.
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### Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

Biodegradation	1 % (OECD 301B)
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## 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.

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### Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

Partition coefficient n-octanol/water (Log Kow)	> 5 @25°C
Bioaccumulative potential	Potentially bioaccumulable.

### 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
<b>14.1. UN number or ID number</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
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

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### 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 REACH substances with Annex XVII restrictions

##### REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances

##### REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

##### PIC Regulation (Prior Informed Consent)

Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals: Diphenylamine (122-39-4)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

##### Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

##### Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 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 drug precursors)

#### 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. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1

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Full text of H- and EUH-statements:	
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH208	Contains N-phenyl-1-Naphthylamine. May produce an allergic reaction.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H361f	Suspected of damaging fertility.
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.
H412	Harmful 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.