



SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Trade name : NYCO GREASE GN 05
 Product code : GN05-1

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Industrial use
 Restrictions on use : The Environmental Protection Agency prohibits processing and distribution of this chemical/product for any use other than: (1) In hydraulic fluids either for the aviation industry or to meet military specifications for safety and performance where no alternative chemical is available that meets U.S. Department of Defense specification requirements, (2) lubricants and greases, (3) new or replacement parts for motor and aerospace vehicles, (4) as an intermediate in the manufacture of cyanoacrylate glue, (5) in specialized engine air filters for locomotive and marine applications, and (6) in adhesives and sealants before January 6, 2025, after which use in adhesives and sealants is prohibited. In addition, all persons are prohibited from releasing PIP (3:1) to water during manufacturing, processing and distribution in commerce, and must follow all existing regulations and best practices to prevent the release of PIP (3:1) to water during the commercial use of PIP (3:1).

1.3. Supplier

NYCO America LLC, a subsidiary of NYCO
 87 Amlajack Way
 Newnan, GA 30265 - USA
 T +1 877 872 6926
info@nyco-group.com - www.nyco-group.com

1.4. Emergency telephone number

Emergency number : USA , CANADA Chemtrec 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Sens. 1	H317	May cause an allergic skin reaction.
Repr. 2	H361	Suspected of damaging fertility or the unborn child.
Aquatic Acute 3	H402	Harmful to aquatic life
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

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

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning
 Hazard statements (GHS US) : H317 - May cause an allergic skin reaction.
 H361 - Suspected of damaging fertility or the unborn child.

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Precautionary statements (GHS US) : H412 - Harmful to aquatic life with long lasting effects.
: P261 - Avoid breathing vapours.
P272 - Contaminated work clothing must 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.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P405 - Store locked up.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Disodium sebacate	CAS-No.: 17265-14-4	0 – 2.5
N-phenyl-1-Naphthylamine	CAS-No.: 90-30-2	0 - 0.99
Phenol,isopropylated,phosphate	CAS-No.: 68937-41-7	0 – 1

Full text of hazard classes and 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 (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. Immediate medical attention and special treatment, if necessary

No additional information available

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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Foam. Dry powder. Carbon dioxide.

Unsuitable extinguishing media : Strong water jet.

5.2. Specific hazards arising from the chemical

Fire hazard : On burning: release of harmful/irritant gases/vapours. Carbon oxides (CO, CO₂).

5.3. Special protective equipment and precautions for fire-fighters

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.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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No additional information available

Disodium sebacate (17265-14-4)

No additional information available

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

No additional information available

Phenol, isopropylated, phosphate (68937-41-7)

No additional information available

8.2. Appropriate engineering controls

Environmental exposure controls : Do not flush into surface water or sewer system.

8.3. Individual protection measures/Personal protective equipment

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

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Pasty.
Colour	: brown
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Melting point	: 310 °C
Freezing point	: No data available

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Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: 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	: 0.889 kg/l @20°C
Solubility	: insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: 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.

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 (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Disodium sebacate (17265-14-4)

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

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

LD50 oral rat	1625 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
ATE US (oral)	500 mg/kg bodyweight

Phenol, isopropylated, phosphate (68937-41-7)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
LC50 Inhalation - Rat	> 200 mg/l

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	: Suspected of damaging fertility or the unborn child.
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 through prolonged or repeated exposure.
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Phenol, isopropylated, phosphate (68937-41-7)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
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Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
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.

SECTION 12: Ecological information

12.1. Toxicity

Disodium sebacate (17265-14-4)

LC50 - Fish [1]	> 18 mg/l 96h: Scophthalmus maximus
EC50 - Other aquatic organisms [1]	18 mg/l 48h: Arcatia tonsa (ISO 14669)
EC50 - Other aquatic organisms [2]	161 mg/l 10d: Corophium volutator
ErC50 algae	38.7 mg/l 72h: Skeletonema costatum (ISO/DIS 10253)
NOEC algae	3 mg/l 72h: Skeletonema costatum (ISO/DIS 10253)

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

LC50 - Fish [1]	0.44 mg/l 96h
EC50 - Crustacea [1]	0.3 mg/l 48h

Phenol, isopropylated, phosphate (68937-41-7)

LC50 - Fish [1]	1.6 mg/l 96h: Oncorhynchus mykiss
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Phenol,isopropylated,phosphate (68937-41-7)

EC50 - Crustacea [1]	2.44 mg/l 48h:Daphnia magna
LC50 - Fish [2]	10.8 mg/l 96h:Pimephales promelas
NOEC chronic crustacea	0.041 mg/l 21d:Daphnia magna (OECD 211)

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

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal 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 Département des transports / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
No dangerous good in sense of transport regulations.(ADR, RID, IMDG, IATA)		
14.2. Proper Shipping Name		
Not applicable	Not applicable	Not applicable
Transport document description		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Not applicable	Not applicable	Not applicable
No supplementary information available		

14.6. Special precautions for user

DOT

No data available

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IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

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SARA Section 311/312 Hazard Classes	Health hazard - Respiratory or skin sensitization Health hazard - Reproductive toxicity
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15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

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All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory

The Environmental Protection Agency prohibits processing and distribution of this chemical/product for any use other than: (1) In hydraulic fluids either for the aviation industry or to meet military specifications for safety and performance where no alternative chemical is available that meets U.S. Department of Defense specification requirements, (2) lubricants and greases, (3) new or replacement parts for motor and aerospace vehicles, (4) as an intermediate in the manufacture of cyanoacrylate glue, (5) in specialized engine air filters for locomotive and marine applications, and (6) in adhesives and sealants before January 6, 2025, after which use in adhesives and sealants is prohibited. In addition, all persons are prohibited from releasing PIP (3:1) to water during manufacturing, processing and distribution in commerce, and must follow all existing regulations and best practices to prevent the release of PIP (3:1) to water during the commercial use of PIP (3:1).

15.3. US State regulations

Component	State or local regulations
Silicon dioxide(7631-86-9)	U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List

SECTION 16: Other information

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Revision date : 03/25/2021

Full text of H-statements

Aquatic Acute 3	Hazardous to the aquatic environment — Acute Hazard, Category 3
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Full text of H-statements	
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H317	May cause an allergic skin reaction.
H361	Suspected of damaging fertility or the unborn child.
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects.

Safety Data Sheet (SDS), USA

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.