



## SECTION 1: Identification

### 1.1. Identification

Product form : Mixture  
Trade name : NYCO GREASE GN 3058  
Product code : GN3058-1

### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Industrial use

### 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](mailto:info@nyco-group.com) - [www.nyco-group.com](http://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.  
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.  
Precautionary statements (GHS US) : P202 - Do not handle until all safety precautions have been read and understood.  
P261 - Avoid breathing vapours.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear protective gloves, protective clothing, eye protection, face 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

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### 2.4. Unknown acute toxicity (GHS US)

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%
Dilithium azelate	CAS-No.: 38900-29-7	0 – 5
methylenebis(dibutyldithiocarbamate)	CAS-No.: 10254-57-6	0 – 5
Calcium Carbonate	CAS-No.: 1317-65-3	0 – 5
Naphthenic acids, zinc salts, basic	CAS-No.: 84418-50-8	0 - 5
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	CAS-No.: 68411-46-1	0 – 2

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

## 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.

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### 5.2. Specific hazards arising from the chemical

Fire hazard : On burning: release of harmful/irritant gases/vapours. Carbon oxides (CO, CO<sub>2</sub>).

### 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 section(s) :7 & 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 section(s) :7 & 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.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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### Calcium Carbonate (1317-65-3)

#### USA - OSHA - Occupational Exposure Limits

Local name	Calcium Carbonate (Limestone; Marble)
OSHA PEL TWA	15 mg/m <sup>3</sup> (Total dust) 5 mg/m <sup>3</sup> (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

#### 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 ISO 374-1 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	: slightly amber
Odour	: No data available
Odour threshold	: No data available
pH	: Not applicable.
Melting point	: 275 °C
Freezing point	: No data available
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	: 0.875 kg/l @ 20°C

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Solubility	: Material 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	: Not applicable
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

#### Dilithium azelate (38900-29-7)

LD50 oral rat	300 – 2000 mg/kg OECD 420
ATE US (oral)	300 mg/kg bodyweight

#### methylenebis(dibutyldithiocarbamate) (10254-57-6)

LD50 oral rat	16000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE US (oral)	16000 mg/kg bodyweight

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### Calcium Carbonate (1317-65-3)

LD50 oral rat > 5000 mg/kg

### Naphthenic acids, zinc salts, basic (84418-50-8)

LD50 oral rat > 2000 mg/kg OECD 423

LD50 dermal rabbit > 2000 mg/kg OECD 402

LC50 Inhalation - Rat (Dust/Mist) > 0.42 mg/l/4h OECD 403

### 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.

### 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 : 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  
Aspiration hazard : Not classified  
Viscosity, kinematic : Not applicable

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

Viscosity, kinematic 352.7 mm<sup>2</sup>/s @40°C

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

#### methylenebis(dibutyldithiocarbamate) (10254-57-6)

LC50 - Fish [1] > 0.06 mg/l 96h:Oncorhynchus mykiss (OECD 203)

EC50 - Crustacea [1] > 0.052 mg/l 48h:Daphnia magna (OECD 202)

EC50 72h - Algae [1] > 0.0325 mg/l 72h:Desmodesmus subspicatus

NOEC (acute) 0.06 mg/l Fish

NOEC chronic crustacea ≥ 0.247 mg/l 21d:Daphnia magna

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### Calcium Carbonate (1317-65-3)

LC50 - Fish [1]	> 10000 mg/l 96h:Oncorhynchus mykiss
EC50 - Crustacea [1]	> 1000 mg/l 48h:Daphnia magna
EC50 72h - Algae [1]	> 200 mg/l 72h:Desmodesmus subspicatus

### Naphthenic acids, zinc salts, basic (84418-50-8)

LC50 - Fish [1]	> 100 mg/l 96h : Danio rerio
EC50 - Crustacea [1]	> 100 mg/l 48h : Daphnia Magna
ErC50 algae	3.6 mg/l 72h; Pseudokirchneriella subcapitata

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

LC50 - Fish [1]	> 100 mg/l 96h: Brachydanio rério (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)

## 12.2. Persistence and degradability

### NYCO GREASE GN 3058

Persistence and degradability	Not established.
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### methylenebis(dibutyldithiocarbamate) (10254-57-6)

Persistence and degradability	Not readily biodegradable.
Biodegradation	21 % (OECD 301 B)

### Naphthenic acids, zinc salts, basic (84418-50-8)

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

Persistence and degradability	Not readily biodegradable.
Biodegradation	1 % (OECD 301B)

## 12.3. Bioaccumulative potential

### methylenebis(dibutyldithiocarbamate) (10254-57-6)

Bioconcentration factor (BCF REACH)	10.86
Partition coefficient n-octanol/water (Log Pow)	8.42
Bioaccumulative potential	faint.

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

Bioconcentration factor (BCF REACH)	1730 42d; Cyprinus carpio
Partition coefficient n-octanol/water (Log Kow)	> 5 @25°C
Bioaccumulative potential	Potentially bioaccumulable.

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### 12.4. Mobility in soil

#### Naphthenic acids, zinc salts, basic (84418-50-8)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.02 – 6.59
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### 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 DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
<b>14.1. UN number</b>			
Not regulated for transport			
<b>14.2. Proper Shipping Name</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

### 14.6. Special precautions for user

**DOT**  
Not regulated

**TDG**  
Not regulated

**IMDG**  
Not regulated

**IATA**  
Not regulated

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

Not applicable



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### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

##### NYCO GREASE GN 3058

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

##### NYCO GREASE GN 145

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

#### 15.3. US State regulations

Component	State or local regulations
Calcium Carbonate(1317-65-3)	U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Massachusetts - Right To Know List
diphenylamine(122-39-4)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York - RTK List of Hazardous Substances; 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 : 2/29/2024

#### Full text of H-statements

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.

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.