



NYCO GREASE GN 148

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 01/20/2015

Revision date: 04/06/2017

Supersedes: 11/04/2016

Version: 2.0

SECTION 1: Identification

1.1. Identification

Product form : Mixtures
Trade name : NYCO GREASE GN 148
Product code : GN148-1

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Industrial use

1.3. Supplier

NYCO AMERICA LLC
3900 East Indiantown Road
Suite 607- No. 161
Jupiter, FL 33477
T 1-877-872-6926

info@nycoamerica.com - www.nycoamerica.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

Not classified

2.2. GHS Label elements, including precautionary statements

GHS-US labelling

No labelling applicable

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 | % | GHS-US classification |
|---|-----------------------|----------|--|
| Dec-1-ene, Trimers, Hydrogenated | (CAS-No.) 157707-86-3 | 50 - 100 | Asp. Tox. 1, H304 |
| Dilithium azelate | (CAS-No.) 38900-29-7 | 0 - 5 | Acute Tox. 4 (Oral), H302 |
| Naphthenic acids, zinc salts, basic | (CAS-No.) 84418-50-8 | 0 - 5 | Aquatic Chronic 3, H412 |
| Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts | | 0 - 2.5 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411 |

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).

NYCO GREASE GN 148

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| | |
|--------------------------------------|---|
| 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. |

5.2. Specific hazards arising from the chemical

| | |
|-------------|--|
| Fire hazard | : On burning: release of harmful/irritant gases/vapours. Carbon oxides (CO, CO ₂). |
| Reactivity | : Stable at ambient temperature and under normal conditions of use. |

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. |
|--------------------|---|

NYCO GREASE GN 148

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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

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

Not applicable

Dilithium azelate (38900-29-7)

Not applicable

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

Not applicable

Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts

Not applicable

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



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Physical state | : Liquid |
| Appearance | : Pasty. |
| Colour | : Mixture contains one or more component(s) which have the following colour(s): Green |
| Odour | : Odourless. |
| Odour threshold | : No data available |
| pH | : No data available |
| Melting point | : 229 °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 |

NYCO GREASE GN 148

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| | |
|----------------------------------|-----------------------|
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Density | : 0.89 kg/l @20°C |
| Solubility | : insoluble in 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 : Not classified

| Dec-1-ene, Trimers, Hydrogenated (157707-86-3) | |
|--|---------------------------|
| LD50 oral rat | > 2000 mg/kg |
| Dilithium azelate (38900-29-7) | |
| LD50 oral rat | 300 - 2000 mg/kg OECD 420 |
| ATE US (oral) | 300.000 mg/kg bodyweight |
| Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts | |
| LD50 oral rat | 2000 - 5000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |

| | |
|--|---------------------------------------|
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified (OECD 438 method) |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |

NYCO GREASE GN 148

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| | |
|--|---|
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |
| 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

| Dec-1-ene, Trimers, Hydrogenated (157707-86-3) | |
|--|----------------------------|
| LC50 fish 1 | > 1000 mg/l 96h |
| EC50 Daphnia 1 | > 1000 mg/l 48h |
| NOEC (acute) | 1000 mg/l 72h:Algae |
| NOEC chronic crustacea | 125 mg/l 21d:Daphnia magna |

| Naphthenic acids, zinc salts, basic (84418-50-8) | |
|--|--|
| LC50 fish 1 | > 100 mg/l 96h : Danio rerio, OECD 203 |
| EC50 Daphnia 1 | > 100 mg/l 48h : Daphnia Magna, OECD 202 |

| Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts | |
|---|--|
| LC50 fish 1 | 4.5 mg/l Oncorhynchus mykiss (Rainbow trout) |
| EC50 Daphnia 1 | 23 mg/l 48h:Cladocera |
| LC50 fish 2 | 46 mg/l Cyprinodon variegatus |
| NOEC (acute) | 1.8 mg/l Oncorhynchus mykiss (Rainbow trout) |
| NOEC chronic crustacea | 0.4 mg/l daphnia |

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

| | |
|------------------------------|---------------------------------------|
| Effect on the global warming | : No known effects from this product. |
| GWPMix comment | : No known effects from this product. |

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

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not regulated

Transport by sea

Not regulated

NYCO GREASE GN 148

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

| Carboxylic acid ester | |
|--|----------------|
| SARA Section 302 Threshold Planning Quantity (TPQ) | Non Applicable |
| SARA Section 311/312 Hazard Classes | Not applicable |

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

| NYCO GREASE GN 148 | |
|---|--|
| All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory | |
| Carboxylic acid ester | |
| 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

| 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 | |

SECTION 16: Other information

Revision date : 04/06/2017

NYCO GREASE GN 148

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of H-statements:

| | |
|---------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| 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 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| H411 | Toxic to aquatic life with long lasting effects |
| H412 | Harmful to aquatic life with long lasting effects |

SDS US (GHS HazCom 2012)

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