



NGL Mix

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Issue date: 12/17/2015
Revision date: 1/11/2022
Version: 2.0

SECTION 1: Identification

1.1. Identification

Product form : Substance
Substance name : NGL Mix
CAS-No. : 64741-48-6
Product code : Not available

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Petroleum distillate.

1.3. Supplier

Distributor

NGL Supply Co., Ltd.
1420, 225 - 6th Avenue SW
Calgary, Alberta T2P 1N2
T 403-265-1977

Distributor

NGL Supply Terminal Company
720 South Colorado Blvd. Suit 720N
Denver, CO 80246 - USA
T 303-839-1806

1.4. Emergency telephone number

Emergency number : CHEMTREC 1 (800) 424-9300
ERAC Emergency Response 1-800-265-0212

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification

Flam. Gas 1
Press. Gas (Liq.)
Muta. 1B
Carc. 1B

2.2. GHS Label elements, including precautionary statements

GHS labelling

Hazard pictograms (GHS) :



Signal word (GHS) :

Danger

Hazard statements (GHS) :

Extremely flammable gas.
Contains gas under pressure; may explode if heated.
May cause genetic defects.
May cause cancer.

Precautionary statements (GHS) :

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wear protective gloves/protective clothing/eye protection/face protection.
If exposed or concerned: Get medical advice/attention.
Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

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Eliminate all ignition sources if safe to do so.
Store in a well-ventilated place.
Store locked up.
Protect from sunlight. Store in a well-ventilated place.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Name : NGL Mix
CAS-No. : 64741-48-6

| Name | Chemical name / Synonyms | Product identifier | % |
|--|---|---------------------|-----|
| Natural gas, petroleum, raw liquid mix | Natural gas, petroleum, raw liquid mix Natural gas liquids / Natural gas (petroleum), raw liquid mix / Natural gas (petroleum) raw liquid mix / Natural gas (petroleum), raw liquid mixture - low boiling point naphtha - unspecified / Natural gas (petroleum), raw liquid mixture / Natural gas, petroleum, raw liquid mix (A complex combination of hydrocarbons separated as a liquid from natural gas in a gas recycling plant by processes such as refrigeration or absorption. It consists mainly of saturated aliphatic hydrocarbons having carbon numbers in the range of C2-8.) / Natural gas (petroleum), raw liquid mix; Low boiling point naphtha -unspecified [A complex combination of hydrocarbons separated as a liquid from natural gas in a gas recycling plant by processes such as refrigeration or absorption. It consists mainly of saturated aliphatic hydrocarbons having carbon numbers in the range of C2 through C8.] | CAS-No.: 64741-48-6 | 100 |

3.2. Mixtures

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.

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. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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4.2. Most important symptoms and effects (acute and delayed)

| | |
|-------------------------------------|--|
| Symptoms/effects after skin contact | : Not a normal route of exposure. May cause frostbite burns to the skin. |
| Symptoms/effects after eye contact | : Not a normal route of exposure. Causes frostbite burns to the eyes. |
| Symptoms/effects after ingestion | : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. |
| Chronic symptoms | : May cause genetic defects. May cause cancer. |

4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Powder. Water spray. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Specific hazards arising from the chemical

| | |
|------------------|--|
| Fire hazard | : Extremely flammable gas. Products of combustion may include, and are not limited to: oxides of carbon. |
| Explosion hazard | : May form flammable/explosive vapour-air mixture. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. |

5.3. Special protective equipment and precautions for fire-fighters

| | |
|--------------------------------|--|
| Firefighting instructions | : Leaking gas fire: Do not extinguish, unless leak can be stopped safely. Eliminate all ignition sources if safe to do so. |
| Protection during firefighting | : Containers may explode when heated. Use water spray to keep fire-exposed containers cool. For large fires, flood fire area with large quantities of water, while knocking down vapours with water fog. Vapours may be heavier than air and may travel along the ground to a distant ignition source and flash back. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|--|
| General measures | : Use special care to avoid static electric charges. Eliminate every possible source of ignition. Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. |
|------------------|--|

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|--|
| For containment | : Eliminate sources of ignition. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). |
| Methods for cleaning up | : Scoop up material and place in a disposal container. Provide ventilation. |

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6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-----------------------------------|---|
| Additional hazards when processed | : Handle empty containers with care because residual vapours are flammable. Keep away from sources of ignition - No smoking. |
| Precautions for safe handling | : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharge. Use explosion-proof equipment. Use only non-sparking tools. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Use only in well-ventilated areas. When using do not eat, drink or smoke. Do not swallow. Handle and open container with care. |
| Hygiene measures | : Wash contaminated clothing before reuse. Always wash hands after handling the product. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--------------------|--|
| Technical measures | : Proper grounding procedures to avoid static electricity should be followed. |
| Storage conditions | : Keep out of the reach of children. Store away from direct sunlight or other heat sources. Keep cool. Keep container tightly closed. Store in a well-ventilated place. Store locked up. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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No additional information available

Natural gas, petroleum, raw liquid mix (64741-48-6)

No additional information available

8.2. Appropriate engineering controls

| | |
|----------------------------------|---|
| Appropriate engineering controls | : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits. Ensure good ventilation of the work station. |
| Environmental exposure controls | : Avoid release to the environment. |

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear suitable gloves

Eye protection:

Safety glasses or goggles are recommended when using product.

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|----------------------------|
| Physical state | : Gas |
| Appearance | : Clear. |
| Colour | : Colourless |
| Odour | : Hydrocarbon |
| Odour threshold | : No data available |
| pH | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : < -40 °C (< -40 °F) |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Flammability (solid, gas) | : Extremely flammable gas. |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : > 1 (Air = 1) |
| Relative density | : < 1 (Water = 1) |
| Solubility | : No data available |
| Partition coefficient n-octanol/water | : 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

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal storage conditions. Extremely flammable gas. Contains gas under pressure; may explode if heated.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Open flame. Overheating. Direct sunlight. Sparks. Heat. Incompatible materials. Sources of ignition.

10.5. Incompatible materials

Oxidizers.

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10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

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.

Natural gas, petroleum, raw liquid mix (64741-48-6)

| | |
|---------------------|--|
| LD50 oral rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rabbit | > 6000 mg/kg |
| LC50 inhalation rat | > 7630 mg/m ³ (Exposure time: 4 h) |

Skin corrosion/irritation : Not classified.
Serious eye damage/irritation : Not classified.
Respiratory or skin sensitisation : Not classified.
Germ cell mutagenicity : May cause genetic defects.
Carcinogenicity : May cause cancer.
Reproductive toxicity : Not classified.
STOT-single exposure : Not classified.
STOT-repeated exposure : Not classified.
Aspiration hazard : Not classified.
Symptoms/effects after skin contact : Not a normal route of exposure. May cause frostbite burns to the skin.
Symptoms/effects after eye contact : Not a normal route of exposure. Causes frostbite burns to the eyes.
Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms : May cause genetic defects. May cause cancer.
Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

NGL Mix (64741-48-6)

| | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

12.3. Bioaccumulative potential

NGL Mix (64741-48-6)

| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

12.4. Mobility in soil

No additional information available

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12.5. Other adverse effects

Effect on global warming : No known effects from this product.
Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Additional information : Handle empty containers with care because residual vapours are flammable.

SECTION 14: Transport information

In accordance with DOT / TDG

14.1. UN number

DOT NA No : UN1075
UN-No. (TDG) : UN1075

14.2. UN proper shipping name

Proper Shipping Name (DOT/TDG) : Petroleum gases, liquefied (or Liquefied petroleum gas)

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : 2.1
Hazard labels (DOT) : 2.1



TDG

Transport hazard class(es) (TDG) : 2.1
Hazard labels (TDG) : 2.1



14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

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| | |
|---|---|
| DOT | |
| UN-No.(DOT) | : UN1075 |
| DOT Special Provisions (49 CFR 172.102) | : T50 - When portable tank instruction T50 is referenced in Column (7) of the 172.101 Table, the applicable liquefied compressed gases are authorized to be transported in portable tanks in accordance with the requirements of 173.313 of this subchapter. |
| DOT Packaging Exceptions (49 CFR 173.xxx) | : 306 |
| DOT Packaging Non Bulk (49 CFR 173.xxx) | : 304 |
| DOT Packaging Bulk (49 CFR 173.xxx) | : 314;315 |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : Forbidden |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) | : 150 kg |
| DOT Vessel Stowage Location | : E - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length, but is prohibited from carriage on passenger vessels in which the limiting number of passengers is exceeded. |
| DOT Vessel Stowage Other | : 40 - Stow "clear of living quarters" |
| TDG | |
| UN-No. (TDG) | : UN1075 |
| ERAP Index | : 3000 |
| Explosive Limit and Limited Quantity Index | : 0.125 L |
| Excepted quantities (TDG) | : E0 |
| Passenger Carrying Ship Index | : 110 kg |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index | : Forbidden |
| Emergency Response Guide (ERG) Number | : 115 |

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

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

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Revision date : 01/11/2022

Other information : None.

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Prepared by

: Nexreg Compliance Inc.

www.Nexreg.com



Full text of H-statements

| | |
|-------------------|--------------------------------------|
| Carc. 1B | Carcinogenicity, Category 1B |
| Flam. Gas 1 | Flammable gases, Category 1 |
| Muta. 1B | Germ cell mutagenicity, Category 1B |
| Press. Gas (Liq.) | Gases under pressure : Liquefied gas |

Indication of changes:

SDS update. GHS classification.

SDS HazCom 2012 - WHMIS 2015 (Nexreg) 2021

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