

NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

Revision date: 08/14/2018

Version: 1.2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : NAPA CHAIN AND CABLE LUBE 12.75 OZ.
Product code : 1370

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Chain and Cable Lubricant

1.3. Details of the supplier of the safety data sheet

Automotive Redistribution Center, Balkamp Incorporation
2601 Stout Heritage Parkway
Plainfield, IN 46168 - USA
T 1-800-468-6832

1.4. Emergency telephone number

Emergency number : CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Flam. Aerosol 1 H222
Compressed gas H280
Asp. Tox. 1 H304

Full text of H statements : see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H222 - Extremely flammable aerosol
H280 - Contains gas under pressure; may explode if heated
H304 - May be fatal if swallowed and enters airways

Precautionary statements (GHS-US) :

P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use
P301+P310 - If swallowed: Immediately call a poison control center, doctor, physician,
P331 - Do NOT induce vomiting
P405 - Store locked up
P410+P403 - Protect from sunlight. Store in a well-ventilated place
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

2.3. Other hazards

Other hazards not contributing to the classification : Contains gas under pressure; may explode if heated. None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS-US classification |
|---------------------------------------------|---------------------|---------|-------------------------------------------|
| Heavy Hydrotreated Petroleum | (CAS No) 64742-52-5 | 50 - 70 | Not classified |
| Petroleum Gases, Liquefied, Sweetened | (CAS No) 68476-86-8 | 10 - 30 | Flam. Gas 1, H220 Compressed gas, H280 |
| Distillates (Petroleum), Hydrotreated Light | (CAS No) 64742-47-8 | 5 - 10 | Asp. Tox. 1, H304 |

NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

| Name | Product identifier | % | GHS-US classification |
|-----------------------------------------|---------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Heavy Hydrotreated Petroleum | (CAS No) 64742-52-5 | 5 - 10 | Not classified |
| Ethene/ Hexadiene/ Propene, Terpolymers | (CAS No) 25038-37-3 | < 1 | Not classified |
| Stoddard Solvent | (CAS No) 8052-41-3 | 0.078 - 0.13 | Not classified |
| Diethanolamine | (CAS No) 111-42-2 | 0.0035 - 0.028 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373 |
| Graphite | (CAS No) 7782-42-5 | 0.0065 - 0.013 | Not classified |
| 1,2,4-Trimethylbenzene | (CAS No) 95-63-6 | 0.0013 - 0.0065 | Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 Aquatic Chronic 2, H411 |
| Naphthalene | (CAS No) 91-20-3 | 0.00013 - 0.0013 | Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Ethylbenzene | (CAS No) 100-41-4 | 0.00013 - 0.0013 | Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation:vapour), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304 |

The exact percentage is a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Cough. Allow victim to breathe fresh air. Allow the victim to rest.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : Direct contact with the eyes is likely to be irritating. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : Shortness of breath.
- Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Extremely flammable aerosol.
- Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. DO NOT fight fire when fire reaches explosives. Evacuate area.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
- Other information : Aerosol level 3.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk. Remove ignition sources. Use special care to avoid static electric charges. Absorb spillage to prevent material damage. Evacuate area.

6.1.1. For non-emergency personnel

- Protective equipment : Safety glasses. Gloves.

NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Dam up the liquid spill. Contain released product, pump into suitable containers. Plug the leak, cut off the supply.

Methods for cleaning up : Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Hazardous waste due to potential risk of explosion. Pressurized container: Do not pierce or burn, even after use.

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not spray on an open flame or other ignition source.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash affected areas thoroughly after handling. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Take off immediately all contaminated clothing and wash it before reuse. Observe normal hygiene standards. Keep container tightly closed. Observe strict hygiene. Reduce/avoid exposure and/or contact. Observe very strict hygiene - avoid contact.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

Storage area : Store in a well-ventilated place.

7.3. Specific end use(s)

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Petroleum Gases, Liquefied, Sweetened (68476-86-8) | | |
|----------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USA ACGIH | ACGIH TWA (ppm) | 1000 ppm Listed under Aliphatic hydrocarbon gases alkane C1-C4 |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 1800 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 1000 ppm |
| Distillates (Petroleum), Hydrotreated Light (64742-47-8) | | |
| USA ACGIH | ACGIH TWA (ppm) | 200 ppm 8 Hours |
| Heavy Hydrotreated Petroleum (64742-52-5) | | |
| USA ACGIH | ACGIH TWA (mg/m ³) | 5 mg/m ³ MIST 8 HOURS |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 5 mg/m ³ MIST 8 HOURS |
| Heavy Hydrotreated Petroleum (64742-52-5) | | |
| USA ACGIH | ACGIH TWA (mg/m ³) | 5 mg/m ³ MIST 8 HOURS |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 5 mg/m ³ MIST 8 HOURS |
| Ethene/ Hexadiene/ Propene, Terpolymers (25038-37-3) | | |
| USA ACGIH | ACGIH TWA (mg/m ³) | 3 mg/m ³ (Particulates (insoluble or poorly soluble)(NOS); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction) |



NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

| Diethanolamine (111-42-2) | | |
|-----------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USA ACGIH | ACGIH TWA (mg/m ³) | 1 mg/m ³ (Diethanolamine; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction and vapor) |
| Stoddard Solvent (8052-41-3) | | |
| USA ACGIH | ACGIH TWA (ppm) | 100 ppm (Stoddard solvent; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value) |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 2900 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 500 ppm |
| Graphite (7782-42-5) | | |
| USA ACGIH | ACGIH TWA (mg/m ³) | 2 mg/m ³ (Graphite (all forms except graphite fibers); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction) |
| 1,2,4-Trimethylbenzene (95-63-6) | | |
| USA ACGIH | ACGIH TWA (ppm) | 25 ppm (Trimethyl benzene (mixed isomers); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value) |
| Naphthalene (91-20-3) | | |
| USA ACGIH | ACGIH TWA (ppm) | 10 ppm (Naphthalene; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value) |
| Ethylbenzene (100-41-4) | | |
| USA ACGIH | ACGIH TWA (ppm) | 100 ppm |
| USA ACGIH | ACGIH STEL (ppm) | 125 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 435 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 100 |
| USA OSHA | OSHA PEL (STEL) (mg/m ³) | 545 mg/m ³ |
| USA OSHA | OSHA PEL (STEL) (ppm) | 125 ppm |

8.2. Exposure controls

| | |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls | : Ensure good ventilation of the work station. Local exhaust ventilation, vent hoods . Provide local exhaust or general room ventilation. Do not breathe dust. Ensure that there is a suitable ventilation system. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use spark-/explosionproof appliances and lighting system. |
| Personal protective equipment | : Avoid all unnecessary exposure. Gloves. Safety glasses. |
| |   |
| Materials for protective clothing | : GIVE EXCELLENT RESISTANCE: |
| Hand protection | : Wear protective gloves. |
| Eye protection | : Chemical goggles or safety glasses. |
| Skin and body protection | : Wear suitable protective clothing. |
| Respiratory protection | : Wear respiratory protection. |
| Environmental exposure controls | : Avoid release to the environment. |
| Consumer exposure controls | : Avoid contact during pregnancy/while nursing. |
| Other information | : Do not eat, drink or smoke during use. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------------------------|-------------------------|
| Physical state | : Gas |
| Appearance | : Liquid. |
| Color | : Light amber. |
| Odor | : Petroleum-like odour. |
| Odor threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |

NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

| | |
|---------------------------------|------------------------------|
| Boiling point | : No data available |
| Flash point | : 40.5 °C (Lowest Component) |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Relative density | : 0.88 |
| Solubility | : Insoluble in water. |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Explosion limits | : No data available |

9.2. Other information

| | |
|-------------|------------------|
| VOC content | : < 25 % |
| Gas group | : Compressed gas |

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

| Distillates (Petroleum), Hydrotreated Light (64742-47-8) | |
|-----------------------------------------------------------------|----------------------------------------------------------------|
| LD50 oral rat | > 5000 mg/kg body weight |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 inhalation rat (mg/l) | > 5.28 mg/l/4h Based on lack of mortality and systemic effects |
| Heavy Hydrotreated Petroleum (64742-52-5) | |
| LD50 oral rat | > 5000 mg/kg body weight |
| LD50 dermal rabbit | > 2000 mg/kg body weight |
| LC50 inhalation rat (mg/l) | > 5.2 mg/l/4h |
| Heavy Hydrotreated Petroleum (64742-52-5) | |
| LD50 oral rat | > 5000 mg/kg body weight |
| LD50 dermal rabbit | > 2000 mg/kg body weight |
| LC50 inhalation rat (mg/l) | 5.7 mg/l/4h |
| Ethene/ Hexadiene/ Propene, Terpolymers (25038-37-3) | |
| LD50 oral rat | > 7500 mg/kg (Rat) |
| Diethanolamine (111-42-2) | |
| LD50 oral rat | 620 mg/kg (Rat) |
| LD50 dermal rabbit | 7640 mg/kg (Rabbit) |

NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

| Graphite (7782-42-5) | |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat | > 2000 mg/kg (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Experimental value) |
| 1,2,4-Trimethylbenzene (95-63-6) | |
| LD50 oral rat | > 5000 mg/kg (Rat; Equivalent or similar to OECD 401; Literature; 6000 mg/kg bodyweight; Rat; Experimental value) |
| LD50 dermal rat | > 3440 mg/kg (Rat; Read-across; OECD 402: Acute Dermal Toxicity) |
| LC50 inhalation rat (mg/l) | 18 mg/l/4h (Rat) |
| Naphthalene (91-20-3) | |
| LD50 oral rat | > 1100 mg/kg (Rat) |
| LD50 dermal rat | > 2500 mg/kg (Rat) |
| LD50 dermal rabbit | > 20000 mg/kg (Rabbit) |
| Ethylbenzene (100-41-4) | |
| LD50 oral rat | 3500 mg/kg (Rat; Other; Experimental value) |
| LD50 dermal rabbit | 15415 mg/kg (Rabbit; Literature study; Other; 15432 mg/kg; Rabbit; Experimental value) |
| LC50 inhalation rat (mg/l) | 17.8 mg/l/4h (Rat; Literature study) |
| LC50 inhalation rat (ppm) | 4000 ppm/4h (Rat; Literature study) |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified Based on available data, the classification criteria are not met |
| Carcinogenicity | : Not classified |

| Heavy Hydrotreated Petroleum (64742-52-5) | |
|--------------------------------------------------|---|
| IARC group | 3 |

| Heavy Hydrotreated Petroleum (64742-52-5) | |
|--------------------------------------------------|---|
| IARC group | 3 |

| Diethanolamine (111-42-2) | |
|----------------------------------|---|
| IARC group | 3 |

| Naphthalene (91-20-3) | |
|------------------------------|----|
| IARC group | 2B |

| Ethylbenzene (100-41-4) | |
|--------------------------------|----|
| IARC group | 2B |

| | |
|-----------------------------------------------------|---------------------------------------------------------------------|
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity – single exposure | : Not classified |
| Specific target organ toxicity – repeated exposure | : Not classified |
| Aspiration hazard | : May be fatal if swallowed and enters airways. |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |
| Symptoms/injuries after inhalation | : Shortness of breath. |
| Symptoms/injuries after ingestion | : May be fatal if swallowed and enters airways. |

SECTION 12: Ecological information

12.1. Toxicity

| Diethanolamine (111-42-2) | |
|----------------------------------|---------------------------------------------|
| LC50 fish 1 | 1664 mg/l (LC50; 96 h; Pimephales promelas) |
| EC50 Daphnia 2 | 55 mg/l (EC50; 48 h) |

| Graphite (7782-42-5) | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 fish 1 | > 100 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Danio rerio; Static system; Fresh water; Experimental value) |
| EC50 Daphnia 1 | > 100 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value) |
| Threshold limit algae 1 | > 100 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value) |
| Threshold limit algae 2 | > 100 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value) |

| 1,2,4-Trimethylbenzene (95-63-6) | |
|-----------------------------------------|-------------------------------------------------------------------------------|
| LC50 fish 1 | 7.72 mg/l (LC50; 96 h; Pimephales promelas; Flow-through system; Fresh water) |

NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

| 1,2,4-Trimethylbenzene (95-63-6) | |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| EC50 Daphnia 1 | 3.6 mg/l (LC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value) |
| Threshold limit algae 2 | 2.356 mg/l (EC50; ECOSAR; 96 h; Algae; Fresh water) |
| Naphthalene (91-20-3) | |
| EC50 Daphnia 1 | 2.16 mg/l (EC50; 48 h; Daphnia magna) |
| LC50 fish 2 | 0.11 mg/l (LC50; 96 h; Oncorhynchus mykiss) |
| Threshold limit algae 1 | 0.4 mg/l (EC50; 72 h; Skeletonema costatum) |
| Ethylbenzene (100-41-4) | |
| LC50 fish 2 | 4.2 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo gairdneri; Semi-static system; Fresh water; Experimental value) |

12.2. Persistence and degradability

| NAPA CHAIN AND CABLE LUBE 12.75 OZ. | |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Persistence and degradability | Not established. |
| Petroleum Gases, Liquefied, Sweetened (68476-86-8) | |
| Persistence and degradability | Not established. |
| Distillates (Petroleum), Hydrotreated Light (64742-47-8) | |
| Persistence and degradability | Not established. |
| Heavy Hydrotreated Petroleum (64742-52-5) | |
| Persistence and degradability | Not established. |
| Heavy Hydrotreated Petroleum (64742-52-5) | |
| Persistence and degradability | Not established. |
| Ethene/ Hexadiene/ Propene, Terpolymers (25038-37-3) | |
| Persistence and degradability | Biodegradability in water: no data available. Not established. |
| Diethanolamine (111-42-2) | |
| Persistence and degradability | Readily biodegradable in water. Biodegradable in the soil. Photodegradation in the air. |
| Biochemical oxygen demand (BOD) | 0.22 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 1.52 g O ₂ /g substance |
| ThOD | 2.13 g O ₂ /g substance |
| BOD (% of ThOD) | 0.1 |
| Stoddard Solvent (8052-41-3) | |
| Persistence and degradability | Not established. |
| Graphite (7782-42-5) | |
| Persistence and degradability | Biodegradability: not applicable. Not established. |
| Biochemical oxygen demand (BOD) | Not applicable |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| 1,2,4-Trimethylbenzene (95-63-6) | |
| Persistence and degradability | Not readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Low potential for mobility in soil. Photodegradation in the air. May cause long-term adverse effects in the environment. |
| Chemical oxygen demand (COD) | 0.44 g O ₂ /g substance |
| Naphthalene (91-20-3) | |
| Persistence and degradability | Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air. Not established. |
| Biochemical oxygen demand (BOD) | 0 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 0.22 g O ₂ /g substance |
| ThOD | 2.99 g O ₂ /g substance |
| Ethylbenzene (100-41-4) | |
| Persistence and degradability | Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil. |
| Biochemical oxygen demand (BOD) | 1.44 g O ₂ /g substance (20d.) |
| Chemical oxygen demand (COD) | 2.1 g O ₂ /g substance |
| ThOD | 3.17 g O ₂ /g substance |
| BOD (% of ThOD) | 45.4 (20 days) |

12.3. Bioaccumulative potential

| NAPA CHAIN AND CABLE LUBE 12.75 OZ. | |
|--------------------------------------------|------------------|
| Bioaccumulative potential | Not established. |

NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

| | |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Petroleum Gases, Liquefied, Sweetened (68476-86-8) | |
| Bioaccumulative potential | Not established. |
| Distillates (Petroleum), Hydrotreated Light (64742-47-8) | |
| Bioaccumulative potential | Not established. |
| Heavy Hydrotreated Petroleum (64742-52-5) | |
| Bioaccumulative potential | Not established. |
| Heavy Hydrotreated Petroleum (64742-52-5) | |
| Bioaccumulative potential | Not established. |
| Ethene/ Hexadiene/ Propene, Terpolymers (25038-37-3) | |
| Bioaccumulative potential | No bioaccumulation data available. Not established. |
| Diethanolamine (111-42-2) | |
| Log Pow | -2.18 - -1.43 (Experimental value) |
| Bioaccumulative potential | Bioaccumulation: not applicable. |
| Stoddard Solvent (8052-41-3) | |
| Log Pow | 3.16-7.06 |
| Bioaccumulative potential | Not established. |
| Graphite (7782-42-5) | |
| Bioaccumulative potential | No bioaccumulation data available. Not established. |
| 1,2,4-Trimethylbenzene (95-63-6) | |
| BCF fish 1 | 31 - 275 (BCF; Other; 8 weeks; Cyprinus carpio) |
| Log Pow | 3.63 - 4.09 (Experimental value) |
| Naphthalene (91-20-3) | |
| BCF fish 1 | 23 - 168 (BCF; 8 weeks; Cyprinus carpio) |
| Log Pow | 3.3 (Experimental value) |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). Not established. |
| Ethylbenzene (100-41-4) | |
| BCF fish 1 | 1 (BCF; Other; 6 weeks; Oncorhynchus kisutch; Flow-through system; Salt water; Literature study) |
| BCF fish 2 | 15 - 79 (BCF) |
| BCF other aquatic organisms 1 | 4.68 (BCF) |
| Log Pow | 3.15 (Experimental value; 3.6; Experimental value; EU Method A.8: Partition Coefficient; 20 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |

12.4. Mobility in soil

| | |
|-----------------------------------------|-----------------------------------------------------------------------------------------------|
| Stoddard Solvent (8052-41-3) | |
| Log Koc | log Koc, 2.85-6.74 |
| 1,2,4-Trimethylbenzene (95-63-6) | |
| Surface tension | 0.029 N/m |
| Log Koc | log Koc, 3.04; Calculated value |
| Ecology - soil | May be harmful to plant growth, blooming and fruit formation. |
| Naphthalene (91-20-3) | |
| Surface tension | 0.03 N/m (100 °C) |
| Ethylbenzene (100-41-4) | |
| Surface tension | 0.029 N/m |
| Log Koc | log Koc, PCKOCWIN v1.66; 2.71; Calculated value; Koc; PCKOCWIN v1.66; 517.8; Calculated value |

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Container under pressure. Do not drill or burn even after use. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.
- Additional information : Flammable vapors may accumulate in the container.
- Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

US DOT (ground): UN1950, Aerosols, 2.1, Limited Quantity
ICAO/IATA (air): UN1950, Aerosols, 2.1, Limited Quantity
IMO/IMDG (water): UN1950, Aerosols, 2.1, Limited Quantity
Special Provisions: N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Aerosols
Flammable, (each not exceeding 1 L capacity)
Class (DOT) : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
Hazard labels (DOT) : 2.1 - Flammable gas



DOT Special Provisions (49 CFR 172.102) : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.
DOT Packaging Exceptions (49 CFR 173.xxx) : 306
DOT Packaging Non Bulk (49 CFR 173.xxx) : None
DOT Packaging Bulk (49 CFR 173.xxx) : None

14.3. Additional information

Emergency Response Guide (ERG) Number : 126
Other information : No supplementary information available.

Overland transport

No additional information available

Transport by sea

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other : 25 - Shade from radiant heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials

Air transport

DOT Quantity Limitations Passenger aircraft/rail : 75 kg
(49 CFR 173.27)
DOT Quantity Limitations Cargo aircraft only (49 : 150 kg
CFR 175.75)

SECTION 15: Regulatory information

15.1. US Federal regulations

| NAPA CHAIN AND CABLE LUBE 12.75 OZ. | |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| SARA Section 311/312 Hazard Classes | Delayed (chronic) health hazard Fire hazard Immediate (acute) health hazard Sudden release of pressure hazard |
| Petroleum Gases, Liquefied, Sweetened (68476-86-8) | |
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard Fire hazard Sudden release of pressure hazard |
| Distillates (Petroleum), Hydrotreated Light (64742-47-8) | |
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard Delayed (chronic) health hazard |
| Heavy Hydrotreated Petroleum (64742-52-5) | |
| SARA Section 311/312 Hazard Classes | Delayed (chronic) health hazard Immediate (acute) health hazard |
| Heavy Hydrotreated Petroleum (64742-52-5) | |
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |

NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Stoddard Solvent (8052-41-3) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| SARA Section 311/312 Hazard Classes | Delayed (chronic) health hazard Fire hazard Immediate (acute) health hazard |
| 1,2,4-Trimethylbenzene (95-63-6) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Ethylbenzene (100-41-4) | |
| Subject to reporting requirements of United States SARA Section 313 Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard Fire hazard Delayed (chronic) health hazard |

15.2. International regulations

CANADA

| | |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NAPA CHAIN AND CABLE LUBE 12.75 OZ. | |
| WHMIS Classification | Class B Division 5 - Flammable Aerosol |
| Distillates (Petroleum), Hydrotreated Light (64742-47-8) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |
| Heavy Hydrotreated Petroleum (64742-52-5) | |
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |
| Heavy Hydrotreated Petroleum (64742-52-5) | |
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |
| Stoddard Solvent (8052-41-3) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| 1,2,4-Trimethylbenzene (95-63-6) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class B Division 3 - Combustible Liquid Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| Ethylbenzene (100-41-4) | |
| Listed on the Canadian DSL (Domestic Substances List) | |

EU-Regulations

| |
|-----------------------------------------|
| 1,2,4-Trimethylbenzene (95-63-6) |
| Ethylbenzene (100-41-4) |

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Carc.Cat.1; R45

Muta.Cat.2; R46

F+; R12

Full text of R-phrases: see section 16

15.2.2. National regulations

| |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1,2,4-Trimethylbenzene (95-63-6) |
| Ethylbenzene (100-41-4) |
| Listed on the AICS (Australian Inventory of Chemical Substances) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on KECI (Korean Existing Chemicals Inventory) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) |

NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

15.3. US State regulations

| NAPA CHAIN AND CABLE LUBE 12.75 OZ. | | | | |
|---------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | | Yes | | |
| U.S. - California - Proposition 65 - Developmental Toxicity | | No | | |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Female | | No | | |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Male | | No | | |
| State or local regulations | | U.S. - California - Proposition 65 | | |
| Petroleum Gases, Liquefied, Sweetened (68476-86-8) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Distillates (Petroleum), Hydrotreated Light (64742-47-8) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Heavy Hydrotreated Petroleum (64742-52-5) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Heavy Hydrotreated Petroleum (64742-52-5) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Ethene/ Hexadiene/ Propene, Terpolymers (25038-37-3) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Diethanolamine (111-42-2) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| Yes | No | No | No | |
| Stoddard Solvent (8052-41-3) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Graphite (7782-42-5) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |

NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

| 1,2,4-Trimethylbenzene (95-63-6) | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No | No | No | No | |
| Naphthalene (91-20-3) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| Yes | No | No | No | |
| Ethylbenzene (100-41-4) | | | | |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| Yes | No | No | No | |
| Petroleum Gases, Liquefied, Sweetened (68476-86-8) | | | | |
| State or local regulations | | | | |
| New Jersey Right-to-Know Minnesota Right-to-Know Rhode Island Right to Know U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List | | | | |
| Heavy Hydrotreated Petroleum (64742-52-5) | | | | |
| State or local regulations | | | | |
| New Jersey Right-to-Know | | | | |
| Diethanolamine (111-42-2) | | | | |
| State or local regulations | | | | |
| U.S. - California - Proposition 65 | | | | |
| Stoddard Solvent (8052-41-3) | | | | |
| State or local regulations | | | | |
| U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List Minnesota Right-to-Know | | | | |
| Naphthalene (91-20-3) | | | | |
| State or local regulations | | | | |
| U.S. - California - Proposition 65 | | | | |
| Ethylbenzene (100-41-4) | | | | |
| State or local regulations | | | | |
| U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - California - Proposition 65 | | | | |

SECTION 16: Other information

Indication of changes : Revision - See : *

Other information : None.

Full text of H-phrases:

| | |
|------|----------------------------------------------------|
| H220 | Extremely flammable gas |
| H222 | Extremely flammable aerosol |
| H225 | Highly flammable liquid and vapor |
| H226 | Flammable liquid and vapor |
| H280 | Contains gas under pressure; may explode if heated |
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |

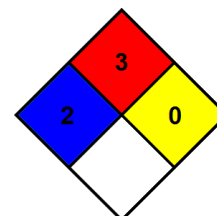
NAPA CHAIN AND CABLE LUBE 12.75 OZ.

Safety Data Sheet

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

| | |
|------|-------------------------------------------------------------------|
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |
| H351 | Suspected of causing cancer |
| 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 |
| H411 | Toxic to aquatic life with long lasting effects |

- NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
- NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions.
- NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

- Health : 2 Moderate Hazard - Temporary or minor injury may occur
- Flammability : 4 Severe Hazard
- Physical : 1 Slight Hazard
- Personal Protection : B

SDS US (GHS HazCom 2012) - TCC

The Supplier identified in Section 1 of this SDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.