

# SAFETY DATA SHEET



## 1. Identification

**Product identifier** NYETACT 502J-20-UV

**Other means of identification**  
**Product Code** NYETACT 502J-20-UV

**Recommended use** Lubricant Dispersed in Solvent

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Company name** Nye Lubricants, Inc.  
A Member of the FUCHS Group

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USA

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**E-mail** sds@fuchs.com

**Emergency telephone number** +1 866 519 4752

**Access code** 334212

**Website** www.nyelubricants.com

## 2. Hazard(s) identification

**Physical hazards** Flammable liquids Category 3

**Health hazards** Aspiration hazard Category 1

**OSHA defined hazards** Not classified.

### Label elements



**Signal word** Danger

**Hazard statement** Flammable liquid and vapor. May be fatal if swallowed and enters airways.

### Precautionary statement

#### Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection.

#### Response

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use appropriate media to extinguish.

#### Storage

Store in a well-ventilated place. Keep cool. Store locked up.

#### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

| Chemical name  | Common name and synonyms | CAS number | %         |
|--|--------------------------|------------|-----------|
| NAPHTHA (PETROLEUM),<br>HYDROTREATED HEAVY                     |                          | 64742-48-9 | 80 - < 90 |
| SILANE, DICHLORODIMETHYL-,<br>REACTION PRODUCTS WITH<br>SILICA |                          | 68611-44-9 | 1 - < 3   |
| Other components below reportable levels                       |                          |            | 10 - < 20 |

#### 4. First-aid measures

|   |   |
|---|---|
| <b>Inhalation</b>   | Move to fresh air. Call a physician if symptoms develop or persist.   |
| <b>Skin contact</b>   | Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.  |
| <b>Eye contact</b>  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.   |
| <b>Ingestion</b>  | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.   |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. |
| <b>General information</b>  | Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.   |

#### 5. Fire-fighting measures

|  |  |
|--|--|
| <b>Suitable extinguishing media</b>                                  | Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).  |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.   |
| <b>Specific hazards arising from the chemical</b>                    | Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed. |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.  |
| <b>Fire fighting equipment/instructions</b>                          | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.   |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials.   |
| <b>General fire hazards</b>  | Flammable liquid and vapor.  |

#### 6. Accidental release measures

|  |  |
|--|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.  |
| <b>Methods and materials for containment and cleaning up</b>               | <p>Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent entry into waterways, sewer, basements or confined areas.</p> <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.</p> <p>Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p> |
| <b>Environmental precautions</b>   | Avoid discharge into drains, water courses or onto the ground.   |

## 7. Handling and storage

|   |  |
|---|--|
| <b>Precautions for safe handling</b>                                | Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).   |

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-3 Permissible Exposure Limits (PEL) for Mineral Dusts (29 CFR 1910.1000)

| Components  | Type | Value     | Form                 |
|---|------|-----------|----------------------|
| SILANE,<br>DICHLORODIMETHYL-,<br>REACTION PRODUCTS<br>WITH SILICA (CAS<br>68611-44-9) | TWA  | 5 mg/m3   | Respirable fraction. |
|   |      | 15 mg/m3  | Total dust.          |
|   |      | 0.8 mg/m3 |                      |

#### NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended

| Components  | Type | Value      |
|---|------|------------|
| SILANE,<br>DICHLORODIMETHYL-,<br>REACTION PRODUCTS<br>WITH SILICA (CAS<br>68611-44-9) | IDLH | 3000 mg/m3 |

#### US. NIOSH: Pocket Guide to Chemical Hazards Recommended Exposure Limits (REL)

| Components  | Type | Value   |
|---|------|---------|
| SILANE,<br>DICHLORODIMETHYL-,<br>REACTION PRODUCTS<br>WITH SILICA (CAS<br>68611-44-9) | TWA  | 6 mg/m3 |

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Wear safety glasses with side shields (or goggles). Face shield is recommended.

#### Skin protection

##### Hand protection

Wear appropriate chemical resistant gloves.

##### Other

Wear suitable protective clothing.

#### Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.



**General hygiene considerations**

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties**

|   |                              |
|---|------------------------------|
| <b>Appearance</b>                                   | Clear.                       |
| <b>Physical state</b>                               | Liquid.                      |
| <b>Form</b>   | Liquid.                      |
| <b>Color</b>  | Light yellow.                |
| <b>Odor</b>   | Not available.               |
| <b>Odor threshold</b>                               | Not available.               |
| <b>pH</b>   | Not available.               |
| <b>Melting point/freezing point</b>                 | Not available.               |
| <b>Initial boiling point and boiling range</b>      | 312.8 °F (156 °C)            |
| <b>Flash point</b>                                  | 104.0 °F (40.0 °C) ASTM D-92 |
| <b>Evaporation rate</b>                             | Not available.               |
| <b>Flammability (solid, gas)</b>                    | Not applicable.              |
| <b>Upper/lower flammability or explosive limits</b> |                              |
| <b>Explosive limit - lower (%)</b>                  | Not available.               |
| <b>Explosive limit - upper (%)</b>                  | Not available.               |
| <b>Vapor pressure</b>                               | Not available.               |
| <b>Vapor density</b>                                | Not available.               |
| <b>Relative density</b>                             | Not available.               |
| <b>Solubility(ies)</b>                              |                              |
| <b>Solubility (water)</b>                           | Not available.               |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.               |
| <b>Auto-ignition temperature</b>                    | Not available.               |
| <b>Decomposition temperature</b>                    | Not available.               |
| <b>Viscosity</b>                                    | Not available.               |
| <b>Other information</b>                            |                              |
| <b>Density</b>                                      | 0.75 g/cm <sup>3</sup>       |
| <b>Explosive properties</b>                         | Not explosive.               |
| <b>Flammability class</b>                           | Combustible II estimated     |
| <b>Oxidizing properties</b>                         | Not oxidizing.               |

**10. Stability and reactivity**

|   |  |
|---|--|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport.  |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.  |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.   |
| <b>Conditions to avoid</b>                | Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| <b>Incompatible materials</b>             | Strong oxidizing agents.   |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.   |

**11. Toxicological information****Information on likely routes of exposure**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Prolonged inhalation may be harmful.                     |
| <b>Skin contact</b> | No adverse effects due to skin contact are expected.     |
| <b>Eye contact</b>  | Direct contact with eyes may cause temporary irritation. |

|   |  |
|---|--|
| <b>Ingestion</b>  | Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. |
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Aspiration may cause pulmonary edema and pneumonitis.  |
| <b>Information on toxicological effects</b>   |  |
| <b>Acute toxicity</b>   | May be fatal if swallowed and enters airways.  |
| <b>Skin corrosion/irritation</b>  | Due to partial or complete lack of data the classification is not possible.  |
| <b>Serious eye damage/eye irritation</b>  | Due to partial or complete lack of data the classification is not possible.  |
| <b>Respiratory or skin sensitization</b>  |  |
| <b>Respiratory sensitization</b>  | Due to partial or complete lack of data the classification is not possible.  |
| <b>Skin sensitization</b>   | Due to partial or complete lack of data the classification is not possible.  |
| <b>Germ cell mutagenicity</b>   | Due to partial or complete lack of data the classification is not possible.  |
| <b>Carcinogenicity</b>  | Due to partial or complete lack of data the classification is not possible.  |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>                       |  |
| NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (CAS 64742-48-9)                            |  |
| 3 Not classifiable as to carcinogenicity to humans.                                 |  |
| SILANE, DICHLORODIMETHYL-, REACTION PRODUCTS WITH SILICA (CAS 68611-44-9)           |  |
| 3 Not classifiable as to carcinogenicity to humans.                                 |  |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)</b>               |  |
| Not listed.   |  |
| <b>US. National Toxicology Program (NTP) Report on Carcinogens</b>                  |  |
| Not listed.   |  |
| <b>Reproductive toxicity</b>  | Due to partial or complete lack of data the classification is not possible.  |
| <b>Specific target organ toxicity - single exposure</b>                             | Due to partial or complete lack of data the classification is not possible.  |
| <b>Specific target organ toxicity - repeated exposure</b>                           | Due to partial or complete lack of data the classification is not possible.  |
| <b>Aspiration hazard</b>  | May be fatal if swallowed and enters airways.  |
| <b>Chronic effects</b>  | Prolonged inhalation may be harmful.   |

## 12. Ecological information

|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity</b>                   | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| <b>Persistence and degradability</b> | No data is available on the degradability of any ingredients in the mixture.   |
| <b>Bioaccumulative potential</b>     | No data available.   |
| <b>Mobility in soil</b>              | No data available.   |
| <b>Other adverse effects</b>         | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.            |

## 13. Disposal considerations

|  |  |
|--|--|
| <b>Disposal instructions</b>                 | Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.   |
| <b>Hazardous waste code</b>                  | D001: Waste Flammable material with a flash point <140 F<br>The waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).   |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.   |

## 14. Transport information

### DOT

|                              |   |
|------------------------------|---|
| UN number                    | UN3295  |
| UN proper shipping name      | Hydrocarbons, liquid, n.o.s. (NAPHTHA (PETROLEUM), HYDROTREATED HEAVY RQ = 125 LBS) |
| Transport hazard class(es)   |   |
| Class                        | 3   |
| Subsidiary hazard            | -   |
| Label(s)                     | 3   |
| Packing group                | III   |
| Environmental hazards        |   |
| Marine pollutant             | No.   |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling.             |
| Special provisions           | 144, T11, TP1, TP8, TP28  |
| Packaging exceptions         | 150   |
| Packaging non bulk           | 201   |
| Packaging bulk               | 243   |

### IATA

|                              |   |
|------------------------------|---|
| UN number                    | UN3295  |
| UN proper shipping name      | Hydrocarbons, liquid, n.o.s. (NAPHTHA (PETROLEUM), HYDROTREATED HEAVY)  |
| Transport hazard class(es)   |   |
| Class                        | 3   |
| Subsidiary hazard            | -   |
| Packing group                | III   |
| Environmental hazards        | No.   |
| ERG Code                     | 3H  |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Other information            |   |
| Passenger and cargo aircraft | Allowed with restrictions.  |
| Cargo aircraft only          | Allowed with restrictions.  |

### IMDG

|  |  |
|--|--|
| UN number  | UN3295   |
| UN proper shipping name  | HYDROCARBONS, LIQUID, N.O.S. (NAPHTHA (PETROLEUM), HYDROTREATED HEAVY), MARINE POLLUTANT |
| Transport hazard class(es)   |  |
| Class  | 3  |
| Subsidiary hazard  | -  |
| Packing group  | III  |
| Environmental hazards  |  |
| Marine pollutant   | Yes  |
| EmS  | F-E, S-D   |
| Special precautions for user   | Read safety instructions, SDS and emergency procedures before handling.                  |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not established.   |

### DOT





Marine pollutant



General information

IMDG Regulated Marine Pollutant.

## 15. Regulatory information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### Toxic Substances Control Act (TSCA)

##### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY Listed.  
(CAS 64742-48-9)

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

Yes

##### Classified hazard categories

Flammable (gases, aerosols, liquids, or solids)  
Aspiration hazard

#### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

#### Safe Drinking Water Act (SDWA)

Not regulated.

### US state regulations

#### California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**International Inventories**

| <b>Country(s) or region</b> | <b>Inventory name</b>  | <b>On inventory (yes/no)*</b> |
|-----------------------------|--|-------------------------------|
| Australia                   | Australian Inventory of Industrial Chemicals (AICIS)                   | Yes                           |
| Canada                      | Domestic Substances List (DSL)   | Yes                           |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                            |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                           |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                            |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                            |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                           |
| Korea                       | Existing Chemicals List (ECL)  | Yes                           |
| New Zealand                 | New Zealand Inventory  | Yes                           |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                           |
| Taiwan                      | Taiwan Chemical Substance Inventory (TCSI)                             | Yes                           |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                           |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

|                             |   |
|-----------------------------|---|
| <b>Issue date</b>           | January-19-2014   |
| <b>Revision date</b>        | October-10-2024   |
| <b>Version #</b>            | 25  |
| <b>Disclaimer</b>           | Nye Lubricants, Inc. A Member of the FUCHS Group cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. |
| <b>Revision information</b> | This document has undergone significant changes and should be reviewed in its entirety.   |