

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Trade name : 20210 Pro-Line Throttle Valve Cleaner,  
Product code :

#### 1.2. Recommended use and restrictions on use

Recommended use : Automotive Care Products.  
Restrictions on use : None known

#### 1.3. Supplier

Liqui Moly GmbH  
Jerg-Wieland-Strasse 4 Ulm D-89081 Germany  
T +49 731 1420 0  
[info@liqui-moly.de](mailto:info@liqui-moly.de) - [www.liqui-moly.us](http://www.liqui-moly.us)

#### 1.4. Emergency telephone number

Emergency number : INFOTRAC  
+1800 535 5053 (USA, Canada); +1352 323 3500 (International)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

|  |      |  |
|--|------|--|
| Flammable aerosol Category 1   | H222 | Extremely flammable aerosol                        |
| Gases under pressure Compressed gas                                    | H280 | Contains gas under pressure; may explode if heated |
| Skin corrosion/irritation Category 2                                   | H315 | Causes skin irritation                             |
| Eye irritation Category 2A   | H319 | Causes serious eye irritation                      |
| Carcinogenicity Category 2   | H351 | Suspected of causing cancer                        |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis | H336 | May cause drowsiness or dizziness                  |
| Aspiration hazard Category 1   | H304 | May be fatal if swallowed and enters airways       |
| Hazardous to the aquatic environment – Acute Hazard Category 2         | H401 | Toxic to aquatic life                              |
| Hazardous to the aquatic environment – Chronic Hazard Category 2       | H411 | Toxic to aquatic life with long lasting effects    |

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### 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  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness

# 20210 Pro-Line Throttle Valve Cleaner

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

Precautionary statements (GHS US)

H351 - Suspected of causing cancer  
H411 - Toxic to aquatic life with long lasting effects  
: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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.  
P261 - Avoid breathing spray, vapors.  
P264 - Wash hands thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear eye protection, protective gloves.  
P301+P310 - If swallowed: Immediately call a POISON CENTER, a doctor.  
P331 - Do NOT induce vomiting.  
P302+P352 - If on skin: Wash with plenty of soap and water.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P312 - Call a POISON CENTER, a doctor if you feel unwell.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P391 - Collect spillage.  
P405 - Store locked up.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 - Dispose of contents/container to an approved waste disposal plant.

### 2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : None known.

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

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                                    | Product identifier  | %       |
|---|---------------------|---------|
| Acetone                                 | CAS-No.: 67-64-1    | 30 – 60 |
| Solvent naptha (petroleum), heavy arom. | CAS-No.: 64742-94-5 | 30 – 60 |
| Naphthalene                             | CAS-No.: 91-20-3    | <0.5    |

Comments : \*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret  
Full text of hazard classes and H-statements : see section 16

# 20210 Pro-Line Throttle Valve Cleaner

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.                                       |
| First-aid measures after skin contact | : Wash skin with mild soap and water. Get medical advice if skin irritation persists.   |
| First-aid measures after eye contact  | : Immediately flush eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation develops and persists.                      |
| First-aid measures after ingestion    | : If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Immediately call a poison center or doctor/physician. |

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

|                  |   |
|------------------|---|
| Symptoms/effects | : May cause drowsiness or dizziness. Causes skin irritation. Causes serious eye irritation. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.  |
| Inhalation       | : Inhalation may affect the nervous system causing headache, possibly dizziness, nausea, weakness, loss of coordination and unconsciousness.  |
| Skin             | : Causes skin irritation. Repeated or prolonged skin contact may cause dermatitis and defatting.  |
| Eyes             | : Causes serious eye irritation.  |
| Ingestion        | : May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. May be fatal if swallowed and enters airways. |
| Chronic symptoms | : Suspected of causing cancer.  |

#### 4.3. Immediate medical attention and special treatment, if necessary

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Use of heavy stream of water may spread fire.  |

#### 5.2. Specific hazards arising from the chemical

|  |   |
|--|---|
| Fire hazard                                      | : Highly flammable liquid and vapor.  |
| Explosion hazard                                 | : vapors may form explosive mixture with air. Pressurized container: may burst if heated.                 |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Carbon oxides (CO, CO <sub>2</sub> ). Fire will produce dense black smoke. |

#### 5.3. Special protective equipment and precautions for fire-fighters

|                                |  |
|--------------------------------|--|
| Firefighting instructions      | : Cool down the containers exposed to heat with a water spray. Use shielding to protect from bursting cans.                              |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |   |
|------------------|---|
| General measures | : Eliminate all ignition sources. Ventilate spillage area. Use explosion-proof equipment. |
|------------------|---|

##### 6.1.1. For non-emergency personnel

|                      |   |
|----------------------|---|
| Emergency procedures | : Ventilate spillage area. Eliminate ignition sources. Avoid contact with eyes, skin and clothing. Keep unnecessary and unprotected personnel away from the spillage. |
|----------------------|---|

# 20210 Pro-Line Throttle Valve Cleaner

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Absorb and/or contain spill with inert material, then place in suitable container. Use non-sparking tools.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray. Take precautionary measures against static discharge. Do not puncture or incinerate containers.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Store away from heat. Protect from sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Incompatible materials : Strong oxidizers.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Acetone (67-64-1)                          |  |
|--|--|
| USA - ACGIH - Occupational Exposure Limits |  |
| Local name                                 | Acetone  |
| ACGIH OEL TWA                              | 250 ppm  |
| ACGIH OEL STEL                             | 500 ppm  |
| Remark (ACGIH)                             | TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI |
| Regulatory reference                       | ACGIH 2024   |
| USA - ACGIH - Biological Exposure Indices  |  |
| Local name                                 | Acetone  |

# 20210 Pro-Line Throttle Valve Cleaner

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

| <b>Acetone (67-64-1)</b>                          |   |
|---|---|
| BEI (BLV)   | 25 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift - Notations: Ns  |
| Regulatory reference                              | ACGIH 2024  |
| <b>USA - OSHA - Occupational Exposure Limits</b>  |   |
| Local name  | Acetone   |
| OSHA PEL (TWA)                                    | 2400 mg/m <sup>3</sup>  |
|   | 1000 ppm  |
| Regulatory reference (US-OSHA)                    | OSHA Annotated Table Z-1  |
| <b>Naphthalene (91-20-3)</b>                      |   |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |   |
| Local name  | Naphthalene   |
| ACGIH OEL TWA                                     | 10 ppm  |
| Remark (ACGIH)                                    | TLV® Basis: URT irr; cararacts; hemolytic anemia. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |
| Regulatory reference                              | ACGIH 2024  |
| <b>USA - ACGIH - Biological Exposure Indices</b>  |   |
| Local name  | Naphthalene   |
| BEI (BLV)   | Parameter: 1-Naphthol + 2-Naphthol (with hydrolysis) - Sampling time: End of shift - Notations: Nq, Ns                                    |
| Regulatory reference                              | ACGIH 2024  |
| <b>USA - OSHA - Occupational Exposure Limits</b>  |   |
| Local name  | Naphthalene   |
| OSHA PEL (TWA)                                    | 50 mg/m <sup>3</sup>  |
|   | 10 ppm  |
| Regulatory reference (US-OSHA)                    | OSHA Annotated Table Z-1  |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : 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:

Chemically resistant protective gloves. Consult supplier for specific recommendations.

#### Eye protection:

Avoid contact with eyes. Chemical goggles or safety glasses

#### Skin and body protection:

Wear suitable protective clothing

# 20210 Pro-Line Throttle Valve Cleaner

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

### Respiratory protection:

In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                                |
|---|--------------------------------|
| Physical state                                  | : Liquid                       |
| Appearance                                      | : Liquid. Aerosol can.         |
| Color   | : Yellow                       |
| Odor  | : Characteristic               |
| Odor threshold                                  | : No data available            |
| pH  | : Not applicable               |
| Melting point                                   | : No data available            |
| Freezing point                                  | : No data available            |
| Boiling point                                   | : No data available            |
| Flash point                                     | : -17 °C (1.4°F) (acetone)     |
| Relative evaporation rate (butyl acetate=1)     | : No data available            |
| Flammability (solid, gas)                       | : Extremely flammable aerosol. |
| Vapor pressure                                  | : No data available            |
| Relative vapor density at 20°C                  | : No data available            |
| Relative density                                | : 0.829                        |
| Solubility                                      | : Insoluble in water.          |
| Partition coefficient n-octanol/water (Log Pow) | : No data available            |
| Auto-ignition temperature                       | : No data available            |
| Decomposition temperature                       | : No data available            |
| Viscosity, kinematic                            | : < 7 mm <sup>2</sup> /s @40°C |
| Viscosity, dynamic                              | : No data available            |
| Explosion limits                                | : No data available            |
| Explosive properties                            | : None.                        |
| Oxidizing properties                            | : None.                        |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5. Incompatible materials

Strong oxidizers. Strong acids. Strong bases.

# 20210 Pro-Line Throttle Valve Cleaner

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 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

#### Acetone (67-64-1)

|                       |                        |
|-----------------------|------------------------|
| LD50 oral rat         | 5800 mg/kg             |
| LC50 Inhalation - Rat | 76 mg/l                |
| ATE US (oral)         | 5800 mg/kg body weight |
| ATE US (vapors)       | 76 mg/l/4h             |
| ATE US (dust, mist)   | 76 mg/l/4h             |

#### Solvent naptha (petroleum), heavy arom. (64742-94-5)

|                       |   |
|-----------------------|---|
| LD50 oral rat         | > 5000 mg/kg  |
| LD50 dermal rat       | > 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: other:EPA Fed Reg Vol 50, No. 188 1985 and as amended in Fed Reg Vol 52, No. 97, 1987 |
| LC50 Inhalation - Rat | > 5.28 mg/l/4h  |

#### Naphthalene (91-20-3)

|                                 |  |
|---------------------------------|--|
| LD50 oral rat                   | > 2000 mg/kg   |
| LD50 dermal rat                 | > 2000 mg/kg   |
| LD50 dermal rabbit              | 2500 mg/kg Source: ChemIDplus  |
| LC50 Inhalation - Rat           | > 0.4 mg/l/4h Animal: rat, Guideline: other:EPA TSCA, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity) |
| LC50 Inhalation - Rat (Vapours) | > 0.4 mg/l Source: ECHA  |

Skin corrosion/irritation : Causes skin irritation.  
pH: Not applicable  
Serious eye damage/irritation : Causes serious eye irritation.  
pH: Not applicable  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Suspected of causing cancer.

#### Naphthalene (91-20-3)

|  |   |
|--|---|
| IARC group                             | 2B - Possibly carcinogenic to humans          |
| National Toxicity Program (NTP) Status | Reasonably anticipated to be Human Carcinogen |
| Reproductive toxicity                  | : Not classified                              |

#### Acetone (67-64-1)

|                             |                               |
|-----------------------------|-------------------------------|
| LOAEL (animal/female, F0/P) | 11298 mg/kg body weight mouse |
| NOAEL (animal/male, F0/P)   | 900 mg/kg body weight rat     |

# 20210 Pro-Line Throttle Valve Cleaner

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

| <b>Solvent naphtha (petroleum), heavy arom. (64742-94-5)</b> |   |
|--|---|
| NOAEL (animal/male, F0/P)                                    | 35 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:OPPTS 870.3650 Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test    |
| NOAEL (animal/female, F0/P)                                  | 125 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:OPPTS 870.3650 Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test |
| <b>Naphthalene (91-20-3)</b>                                 |   |
| LOAEL (animal/female, F0/P)                                  | 50 mg/kg body weight Animal: rat, Animal sex: female, Guideline: other:OECD Guideline 414 (Prenatal Developmental Toxicity Study)   |
| LOAEL (animal/female, F1)                                    | 450 mg/kg body weight Animal: rat, Animal sex: female, Guideline: other:OECD Guideline 414 (Prenatal Developmental Toxicity Study)  |
| NOAEL (animal/female, F0/P)                                  | 120 mg/kg body weight Animal: rabbit, Animal sex: female, Guideline: other:OECD Guideline 414 (Prenatal Developmental Toxicity Study)   |
| STOT-single exposure   | : May cause drowsiness or dizziness.  |
| <b>Acetone (67-64-1)</b>                                     |   |
| STOT-single exposure   | : May cause drowsiness or dizziness.  |
| <b>Solvent naphtha (petroleum), heavy arom. (64742-94-5)</b> |   |
| STOT-single exposure   | : May cause drowsiness or dizziness.  |
| STOT-repeated exposure                                       | : Not classified  |
| <b>Solvent naphtha (petroleum), heavy arom. (64742-94-5)</b> |   |
| LOAEC (inhalation, rat, vapor, 90 days)                      | 4.71 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study)   |
| NOAEL (oral, rat, 90 days)                                   | 750 mg/kg body weight Animal: rat, Animal sex: female   |
| NOAEC (inhalation, rat, vapor, 90 days)                      | 2.355 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study)  |
| <b>Naphthalene (91-20-3)</b>                                 |   |
| LOAEL (oral, rat, 90 days)                                   | 400 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)  |
| LOAEC (inhalation, rat, vapor, 90 days)                      | 0.011 mg/l air Animal: rat, Guideline: EPA OPP 82-4 (90-Day Inhalation Toxicity), Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)  |
| NOAEL (oral, rat, 90 days)                                   | 200 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)  |
| NOAEL (dermal, rat/rabbit, 90 days)                          | 1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)  |
| Aspiration hazard  | : May be fatal if swallowed and enters airways.   |
| Viscosity, kinematic   | : < 7 mm <sup>2</sup> /s @40°C  |
| <b>Solvent naphtha (petroleum), heavy arom. (64742-94-5)</b> |   |
| Viscosity, kinematic   | 1 – 2.4 mm <sup>2</sup> /s at 40°C  |
| Symptoms/effects   | : May cause drowsiness or dizziness. Causes skin irritation. Causes serious eye irritation. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.  |
| Inhalation   | : Inhalation may affect the nervous system causing headache, possibly dizziness, nausea, weakness, loss of coordination and unconsciousness.  |

# 20210 Pro-Line Throttle Valve Cleaner

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

|                  |   |
|------------------|---|
| Skin             | : Causes skin irritation. Repeated or prolonged skin contact may cause dermatitis and defatting.  |
| Eyes             | : Causes serious eye irritation.  |
| Ingestion        | : May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard.<br>Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.<br>May be fatal if swallowed and enters airways. |
| Chronic symptoms | : Suspected of causing cancer.  |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

#### Acetone (67-64-1)

|                |                                      |
|----------------|--------------------------------------|
| NOEC (chronic) | ≥ 79 mg/l Daphnia magna (Water flea) |
|----------------|--------------------------------------|

#### Solvent naptha (petroleum), heavy arom. (64742-94-5)

|                 |        |
|-----------------|--------|
| LC50 - Fish [1] | 2 mg/l |
|-----------------|--------|

|                      |          |
|----------------------|----------|
| EC50 - Crustacea [1] | 1.4 mg/l |
|----------------------|----------|

|                      |          |
|----------------------|----------|
| EC50 72h - Algae [1] | 3.7 mg/l |
|----------------------|----------|

|                |           |
|----------------|-----------|
| NOEC (chronic) | 0.48 mg/l |
|----------------|-----------|

#### Naphthalene (91-20-3)

|                 |          |
|-----------------|----------|
| LC50 - Fish [1] | 7.8 mg/l |
|-----------------|----------|

|                      |   |
|----------------------|---|
| EC50 - Crustacea [1] | 2.16 mg/l Test organisms (species): Daphnia magna |
|----------------------|---|

|                 |          |
|-----------------|----------|
| LC50 - Fish [2] | 1.6 mg/l |
|-----------------|----------|

|                      |          |
|----------------------|----------|
| EC50 72h - Algae [1] | 2.9 mg/l |
|----------------------|----------|

|                      |          |
|----------------------|----------|
| EC50 72h - Algae [2] | 0.4 mg/l |
|----------------------|----------|

|                |   |
|----------------|---|
| NOEC (chronic) | 0.59 mg/l Test organisms (species): Daphnia pulex Duration: '125 d' |
|----------------|---|

|                   |   |
|-------------------|---|
| NOEC chronic fish | 0.12 mg/l Test organisms (species): Oncorhynchus mykiss |
|-------------------|---|

### 12.2. Persistence and degradability

#### 20210 Pro-Line Throttle Valve Cleaner

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | No data available. |
|-------------------------------|--------------------|

#### Acetone (67-64-1)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

#### Solvent naptha (petroleum), heavy arom. (64742-94-5)

|                               |                            |
|-------------------------------|----------------------------|
| Persistence and degradability | Not readily biodegradable. |
|-------------------------------|----------------------------|

#### Naphthalene (91-20-3)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### 12.3. Bioaccumulative potential

#### Solvent naptha (petroleum), heavy arom. (64742-94-5)

|   |                          |
|---|--------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.9 – 6.1 Source: IUCLID |
|---|--------------------------|

# 20210 Pro-Line Throttle Valve Cleaner

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

### Naphthalene (91-20-3)

Partition coefficient n-octanol/water (Log Pow) 3.3 Source: hsb

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available





## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT   | TDG   | IMDG   | IATA  |
|---|---|--|---|
| <b>14.1. UN number</b>  |   |  |   |
| 1950  | UN1950  | 1950   | 1950  |
| <b>14.2. Proper Shipping Name</b>   |   |  |   |
| Aerosols  | AEROSOLS  | AEROSOLS   | Aerosols, flammable   |
| <b>14.3. Transport hazard class(es)</b>   |   |  |   |
| 2.1   | 2.1   | 2.1  | 2.1   |
|  | <br>Not applicable |  |  |
| <b>14.4. Packing group</b>  |   |  |   |
| Not applicable  | Not applicable  | Not applicable   | Not applicable  |
| <b>14.5. Environmental hazards</b>  |   |  |   |
| Dangerous for the environment: No   | Dangerous for the environment: No   | Dangerous for the environment: No<br>Marine pollutant: No                            | Dangerous for the environment: No   |

Note: Inner packages containing net quantities of less than 5 kg/5 L are exempt per IMDG Code 2.10.2.7 and ICAO Special Provision A197.

### 14.6. Special precautions for user

**DOT**  
UN-No.(DOT) : UN1950  
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 Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg

# 20210 Pro-Line Throttle Valve Cleaner

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

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 - Protected from sources of heat,87 - Stow "separated from" Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials

### TDG

UN-No. (TDG) : UN1950

TDG Special Provisions : 80 - Despite section 1.17 of Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases, a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with section 5.11 of Part 5, Means of Containment, except that the requirement in subsection 5.11(6) for aerosol containers to be tightly packed in a wood, fibreboard or plastic box does not apply to a user or purchaser who transports no more than six aerosol containers. Note that subsection 5.11(6) includes two requirements, one for a valve protection cap and one for containment, and that the exemption for aerosol containers in special provision 80 applies only to the containment requirement in that subsection; the requirement for a valve protection cap continues to apply. For a similar rule respecting aerosol containers, see subparagraph 1.15(1)(a)(i) of Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases,107 - (1) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2, (Classification), do not apply to the handling, offering for transport or transporting of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a ship on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL. (2) Subsection (1) does not apply to self-defence spray. SOR/2014-306 UN1950, UN2037 SOR/2014-306

Explosive Limit and Limited Quantity Index : 1 L

Excepted quantities (TDG) : E0

Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 75 L

Emergency Response Guide (ERG) Number : 126

### IMDG

Special provision (IMDG) : 63, 190, 277, 327, 344, 381, 959

Limited quantities (IMDG) : SP277

Excepted quantities (IMDG) : E0

Packing instructions (IMDG) : P207, LP200

Packing provisions (IMDG) : PP87, L2

EmS-No. (Fire) : F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES

EmS-No. (Spillage) : S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)

Stowage category (IMDG) : None

Stowage and handling (IMDG) : SW1, SW22

Segregation (IMDG) : SG69

### IATA

PCA Excepted quantities (IATA) : E0

PCA Limited quantities (IATA) : Y203

PCA limited quantity max net quantity (IATA) : 30kgG

PCA packing instructions (IATA) : 203

PCA max net quantity (IATA) : 75kg

CAO packing instructions (IATA) : 203

CAO max net quantity (IATA) : 150kg

Special provision (IATA) : A145, A167, A802

ERG code (IATA) : 10L

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

Not applicable

# 20210 Pro-Line Throttle Valve Cleaner

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

##### 20210 Pro-Line Throttle Valve Cleaner

|                                     |  |
|-------------------------------------|--|
| SARA Section 311/312 Hazard Classes | Refer to Section 2 for OSHA Hazard Classification. |
|-------------------------------------|--|

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

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

##### Acetone (67-64-1)

|           |         |
|-----------|---------|
| CERCLA RQ | 5000 lb |
|-----------|---------|

##### Naphthalene (91-20-3)

Listed on EPA Hazardous Air Pollutant (HAPS)

|           |        |
|-----------|--------|
| CERCLA RQ | 100 lb |
|-----------|--------|

#### 15.2. International regulations

##### CANADA

##### Acetone (67-64-1)

Listed on the Canadian DSL (Domestic Substances List)

##### Solvent naptha (petroleum), heavy arom. (64742-94-5)

Listed on the Canadian DSL (Domestic Substances List)

##### Naphthalene (91-20-3)

Listed on the Canadian DSL (Domestic Substances List)

##### EU-Regulations

No additional information available

##### National regulations

##### 20210 Pro-Line Throttle Valve Cleaner

Listed on the Canadian DSL (Domestic Substances List)

##### Naphthalene (91-20-3)

Listed on IARC (International Agency for Research on Cancer)  
Listed as carcinogen on NTP (National Toxicology Program)

#### 15.3. US State regulations



##### WARNING:

This product can expose you to Naphthalene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# 20210 Pro-Line Throttle Valve Cleaner

## Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

| Component            | State or local regulations   |
|----------------------|--|
| Acetone(67-64-1)     | U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S. - New Jersey - Right to Know Hazardous Substance List |
| Naphthalene(91-20-3) | U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S. - New Jersey - Right to Know Hazardous Substance List |

### SECTION 16: Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

Revision date : 6/3/2024

Data sources : This safety data sheet was compiled with data and information from the following sources : RTECS, ECOSAR, HSDB, SIDS SIAP, CESAR, Chemical DB.

| Full text of H-phrases |  |
|------------------------|--|
| H222                   | Extremely flammable aerosol                        |
| H280                   | Contains gas under pressure; may explode if heated |
| H304                   | May be fatal if swallowed and enters airways       |
| H315                   | Causes skin irritation                             |
| H319                   | Causes serious eye irritation                      |
| H336                   | May cause drowsiness or dizziness                  |
| H351                   | Suspected of causing cancer                        |
| H401                   | Toxic to aquatic life                              |
| H411                   | Toxic to aquatic life with long lasting effects    |

NFPA health hazard

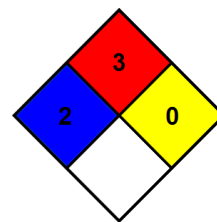
: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard

: 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.

NFPA reactivity

: 0 - Material that in themselves are normally stable, even under fire conditions.



Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.