

# W-LUBI DSR 47 3 AEROSOL 0000 MONOCOMPONENT



## Safety Data Sheet

According to ABNT NBR 14725: 2023  
Issue date: 2/2/2026 Revision date: 3/4/2026 Version: 13.0

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : W-LUBI DSR 47 3 AEROSOL 00000 MONOCOMPONENT  
Product code : 17460765  
Type of product : Use in lubricants  
Product group : End product

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Coating for maintenance sector

#### 1.4. Supplier's details

##### WEG TINTAS LTDA - GRUPO WEG

##### Guaramirim - Santa Catarina / Brasil

Rodovia BR 280 – Km 50, 6.918 – Bloco A. Caixa D'Água – 89270-000 - +55 (47) 3276-4000

##### Mauá - São Paulo / Brasil

Rua Dr. Ulysses Guimarães, nº 918 – Bloco A. Loteamento Industrial Coral 09372-050 – Fone: +55 (11) 4547-6100

##### Cabo de Santo Agostinho - Pernambuco / Brasil

Via VII, 314 Distrito Industrial DIPER – 54590-000 - Fone: +55 (81) 3512-3000

##### Betim - Minas Gerais / Brasil

Avenida Juiz Marco Tulio Isaac, 2994 Betim Industrial – 32671-198, Fone: +55 (31) 3268-0687 / +55 (31) 3268-0686

##### Macaé - Rio de Janeiro / Brasil

Rua Itacolomi, 528 – Quadra H – Lote 11 Cabiúnas – 27977-340

##### Atotonilco de Tula - Estado de Hidalgo / México

Av. Hidalgo, lote 40, 41, 42 y 43 - Parque Industrial Bicentenario, CP 42980 - Fone: +52 (55) 5321-4231

##### Buenos Aires - Provincia de Buenos Aires / Argentina

Av. José Melián, 2983 - Parque Industrial Burzaco, B1852 - Fone: +54 (11) 4299-8000

#### 1.5. Emergency phone number

Emergency number :

<b>24-HOUR EMERGENCY - AMBIPAR</b>	0800 117 2020		
<b>CHEMTREC international number</b>	+1-703-527-3887 e 1-800-424-9300		
<b>Country</b>	<b>City</b>	<b>Local Number</b>	<b>Toll-Free Number</b>
Austria	Vienna	+43-1-3649237	
Austria			0800 293702
China		400 120 4937	
France		+33-975181407	
Germany			0800-181-7059

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India			000 800 1007 141
Italy	Milan	+39-02 4555 7031	
Italy			800 789 767
Netherlands		+31-85 888 0596	
South Africa			080-001-4676
United Kingdom	London	+44 20 3807 3798	
South korea			080-880-0454
Japan			0800-300-5842

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture

#### Classification according to GHS BR (ABNT NBR 14725: 2023)

Aerosol, Category 2  
Skin corrosion/irritation, Category 2  
Germ cell mutagenicity, Category 1A  
Carcinogenicity, Category 1A  
Reproductive toxicity, Category 2  
Specific target organ toxicity — Single exposure, Category 3, Narcosis  
Hazardous to the aquatic environment - Acute Hazard, Category 2  
Hazardous to the aquatic environment - Chronic Hazard, Category 1

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

#### GHS BR labelling

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Danger

Hazard statements (GHS BR)

: H223 - Flammable aerosol  
H229 - Pressurized container: may burst if heated  
H315 - Causes skin irritation  
H336 - May cause drowsiness or dizziness  
H340 - May cause genetic defects.  
H350 - May cause cancer.  
H361 - Suspected of damaging fertility or the unborn child.  
H401 - Toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (GHS BR)

: 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 - Do not pierce or burn, even after use.  
P261 - Avoid breathing dust, fume, gas, mist, vapours or spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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P308+P313 - IF exposed or concerned: Get medical advice or attention.  
P312 - Call a POISON CENTER or a doctor if you feel unwell.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P332+P313 - If skin irritation occurs: Get medical advice or attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P391 - Collect spillage.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and international regulations.

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

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	GHS Product identifier	Conc. (% v/v)	Classification according to GHS BR (ABNT NBR 14725: 2023)
Naphtha (petroleum), refined light solvent	CAS-No.: 64741-84-0	50 – 60	Flam. Liq. 2, H225 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Muta. 1B, H340 Carc. 1B, H350 Repr. 2, H361 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 1, H410
PARAFFIN WAX	CAS-No.: 8002-74-2	20 – 40	Acute Tox. 5 (Dermal), H313
WAX	CAS-No.: 8042-47-5	5 – 10	Asp. Tox. 1, H304 Aquatic Chronic 4, H413
Light aromatic naphtha (petroleum) solvent	CAS-No.: 64742-95-6	5 – 10	Flam. Liq. 3, H226 Acute Tox. 5 (Dermal), H313 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z)	CAS-No.: 147900-93-4	5 – 10	Acute Tox. 4 (Oral), H302 Aquatic Chronic 4, H413
Fatty acids, tall-oil, compds. with oleylamine	CAS-No.: 85711-55-3	1 – 5	Acute Tox. 5 (Oral), H303 STOT RE 2, H373
MIXED XYLENES	CAS-No.: 1330-20-7	1 – 5	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332

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Name	GHS Product identifier	Conc. (% v/v)	Classification according to GHS BR (ABNT NBR 14725: 2023)
			Skin Irrit. 2, H315 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Industrial secret	-	0.25 – 0.5	Flam. Liq. 1, H224 Skin Irrit. 2, H315 Muta. 1A, H340 Carc. 1A, H350 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F).]	CAS-No.: 64742-82-1	0.1 – 0.25	Flam. Liq. 3, H226 Acute Tox. 5 (Dermal), H313 Muta. 1B, H340 Carc. 1B, H350 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F).]	CAS-No.: 64742-48-9	0.1 – 0.25	Flam. Liq. 2, H225 Acute Tox. 5 (Dermal), H313 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

## SECTION 4: First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. Immediately call a POISON CENTER/doctor.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch.
First-aid measures after eye contact	: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
First-aid measures after ingestion	: Do NOT induce vomiting. Rinse mouth out with water.

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

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: May cause drowsiness or dizziness. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/effects after skin contact	: Causes skin irritation. irritation (itching, redness, blistering).
Symptoms/effects after eye contact	: May cause eye irritation.
Symptoms/effects after ingestion	: May cause irritation to the digestive tract.
Chronic symptoms	: May cause cancer. May cause heritable genetic damage. Suspected of damaging fertility.

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Suspected of damaging the unborn child.

### 4.3. Indication of any immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media : DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS THE LEAK CAN BE STOPPED.  
Dry chemical, CO<sub>2</sub>, or water spray or regular foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Flammable aerosol. Pressurised container: May burst if heated. Heating may cause a fire or explosion. In case of fire and/or explosion do not breathe fumes.

Explosion hazard : Explosion risk in case of fire. Heating may cause an explosion.

### 5.3. Special protective actions for fire-fighters

Precautionary measures fire : Keep container tightly closed and away from heat, sparks and flame.

Firefighting instructions : Eliminate all ignition sources if safe to do so. Fight fire remotely due to the risk of explosion. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Self-contained breathing apparatus. Use self-contained breathing apparatus and chemically protective clothing.

## SECTION 6: Accidental release measures

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

General measures : Eliminate every possible source of ignition. Avoid contact with skin and eyes. May be harmful to aquatic organisms, to flora, to soil organisms. Clean up any spills as soon as possible, using an absorbent material to collect it. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Do not breathe gas. Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene. Notify fire brigade and environmental authorities.

#### 6.1.2. For emergency responders

Protective equipment : Self-contained breathing apparatus. Equip cleanup crew with proper protection.

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid discharge to atmosphere. Do not allow to enter drains or water courses. Very toxic to aquatic life with long lasting effects. Do not allow product to spread into the environment. Toxic to aquatic life.

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

For containment : Stop leak without risks if possible.

Methods for cleaning up : Clean contaminated surfaces with an excess of water.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
- Precautions for safe handling : Obtain special instructions before use. Use only outdoors or in a well-ventilated area. Prevent the build-up of electrostatic charge. Do not get in eyes, on skin, or on clothing. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Wear personal protective equipment. Ensure good ventilation of the work station. Keep only in original container. Do not handle until all safety precautions have been read and understood.
- Hygiene measures : Always wash hands after handling the product. Remove contaminated clothes. Do not eat, drink or smoke when using this product.

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

- Storage conditions : Keep only in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep in fireproof place. Keep container closed when not in use. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep cool. Protect from sunlight. Keep cool.
- Packaging materials : Always store product in container of same material as original container.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Provide local exhaust or general room ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

#### 8.3. Individual protection measures

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Hand protection:

Protective gloves made of PVC

##### Eye protection:

Wear security glasses which protect from splashes

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

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### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state	: Gas
Appearance	: Compressed liquid.
Colour	: Colourless
Odour	: characteristic
Odour threshold	: Not available
pH	: Not applicable
Melting point	: Not applicable
Freezing point	: Not applicable
Boiling point	: Not available
Flash point	: < 70 °C
Relative evaporation rate (butylacetate=1)	: Not available
Flammability	: Not available
Explosive limits	: Not available
Vapour pressure	: Not available
Relative vapour density at 20°C	: Not available
Relative density	: Not applicable
Density	: 0.95 – 1.05 g/cm <sup>3</sup>
Solubility	: Material insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity, kinematic	: 30 m <sup>2</sup> /s
Viscosity, dynamic	: 30 cP
Explosive properties	: Pressurised container: May burst if heated, Chemical under pressure: May explode if heated
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle specific surface area	: Not applicable

#### MIXED XYLENES1330-20-7

Boiling point	138 °C Source: ICSC
Flash point	30 °C (ASTM D 93)
Auto-ignition temperature	≥ 528 °C Source: SRC
Vapour pressure	8.84 mm Hg at 25°C Source: SRC

**naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F)].**164742-82-1

Boiling point	-20 – 260 °C Atm. press.: 101,325 kPa
Flash point	< -40 °C Atm. press.: 101,325 other:
Vapour pressure	≤ 240 kPa Temp.: 37,8 °C

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### Light aromatic naphtha (petroleum) solvent64742-95-6

Boiling point	135 – 210 °C Source: NLM
Flash point	< 41 °C Source: IUCLID
Vapour pressure	≤ 240 kPa Temp.: 37,8 °C

**Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F)].64742-48-9**

Boiling point	-20 – 260 °C Atm. press.: 101,325 kPa
Flash point	< -40 °C Atm. press.: 101,325 other:
Vapour pressure	≤ 240 kPa Temp.: 37,8 °C

### Fatty acids, tall-oil, compds. with oleylamine85711-55-3

Boiling point	743.2 °C at 760mmHg Source: chemspider
Flash point	403.2 °C Source: chemspider

### Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z)147900-93-4

Boiling point	320 °C Source: ECHA
Flash point	161 °C Source: ECHA
Auto-ignition temperature	376 °C Source: ECHA

### Naphtha (petroleum), refined light solvent64741-84-0

Boiling point	35 – 165 °C Source: IUCLID
Flash point	< 21 °C Source: IUCLID
Auto-ignition temperature	≥ 280 – ≤ 465

### PARAFFIN WAX8002-74-2

Boiling point	341 – 665 °C at 101.325 kPa Source: ECHA
Flash point	317 °C at 101.325 kPa Source: ECHA
Auto-ignition temperature	245 °C

### WAX8042-47-5

Boiling point	300 °C Source: The Chemical Database, The Department of Chemistry at the University of Akron
Flash point	182 °C Source: The Chemical Database, The Department of Chemistry at the University of Akron
Auto-ignition temperature	260 °C Source: International Programme on Chemical Safety

## 9.2. Data relevant with regard to physical hazard classes

VOC Total (g/l)	: 82.75 g/l
VOC Total (lb/gal)	: 0.69 lb/gal

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### 9.3. Further safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

Chemical stability	: Flammable aerosol. Pressurised container: May burst if heated.
Conditions to avoid	: High temperature. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Incompatible materials	: Combustible materials.
Possibility of hazardous reactions	: May mass explode in fire. Heating may cause a fire or explosion.
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Handling temperature	: No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not available
Acute toxicity (dermal)	: Not available
Acute toxicity (inhalation)	: Not available

#### MIXED XYLENES (1330-20-7)

LD50 oral rat	3523 mg/kg Source: ECHA
LD50 dermal rabbit	12126 mg/kg bodyweight Animal: rabbit, Animal sex: male
LC50 Inhalation - Rat [ppm]	5922 ppm

**naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F).] (64742-82-1)**

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 3160 mg/kg Source: IUCLID

#### Light aromatic naphtha (petroleum) solvent (64742-95-6)

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 2000 mg/kg Source: ECHA
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat (Vapours)	5.16 mg/l Source: ECHA

**Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F).] (64742-48-9)**

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 3160 mg/kg Source: IUCLID

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### Fatty acids, tall-oil, compds. with oleylamine (85711-55-3)

LD50 oral rat > 2000 mg/kg Source: ECHA

### Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z) (147900-93-4)

LD50 oral rat > 1570 mg/kg Source: ECHA

### Naphtha (petroleum), refined light solvent (64741-84-0)

LD50 oral rat > 7000 mg/kg Source: IUCLID

LD50 dermal rabbit > 2000 mg/kg Source: IUCLID

LC50 Inhalation - Rat  $\geq 43767 \text{ mg/m}^3$

LC50 Inhalation - Rat (Dust/Mist) > 5.04 mg/l Source: IUCLID

### PARAFFIN WAX (8002-74-2)

LD50 oral rat > 5000 mg/kg Source: ECHA

LD50 dermal rabbit > 3600 mg/kg Source: NITE

### WAX (8042-47-5)

LD50 oral rat > 5000 mg/kg Source: International Uniform Chemical Information Database

Skin corrosion/irritation : Causes skin irritation.

### MIXED XYLENES (1330-20-7)

pH 7

### PARAFFIN WAX (8002-74-2)

pH Not applicable

Serious eye damage/irritation : Not available

### MIXED XYLENES (1330-20-7)

pH 7

### PARAFFIN WAX (8002-74-2)

pH Not applicable

Respiratory or skin sensitisation : Not available

Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : May cause cancer.

### MIXED XYLENES (1330-20-7)

IARC group 3 - Not classifiable

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

STOT-single exposure : May cause drowsiness or dizziness.

### MIXED XYLENES (1330-20-7)

STOT-single exposure May cause respiratory irritation.

### Naphtha (petroleum), refined light solvent (64741-84-0)

STOT-single exposure May cause drowsiness or dizziness.

STOT-repeated exposure : Not available

### MIXED XYLENES (1330-20-7)

LOAEL (oral, rat, 90 days) 150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)

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<b>MIXED XYLENES (1330-20-7)</b>	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
<b>Industrial secret</b>	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
<b>naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F).] (64742-82-1)</b>	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
<b>Fatty acids, tall-oil, compds. with oleylamine (85711-55-3)</b>	
NOAEL (oral, rat, 90 days)	7.1 – 21.9 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not applicable

<b>W-LUBI DSR 47 3 AEROSOL 0000 MONOCOMPONENT</b>	
Viscosity, kinematic	30000000 mm <sup>2</sup> /s
<b>MIXED XYLENES (1330-20-7)</b>	
Viscosity, kinematic	≈ 0.76 mm <sup>2</sup> /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)'
<b>naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F).] (64742-82-1)</b>	
Viscosity, kinematic	< 1 mm <sup>2</sup> /s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)'
<b>Light aromatic naphtha (petroleum) solvent (64742-95-6)</b>	
Viscosity, kinematic	< 1 mm <sup>2</sup> /s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)'
<b>Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F).] (64742-48-9)</b>	
Viscosity, kinematic	< 1 mm <sup>2</sup> /s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)'
<b>Naphtha (petroleum), refined light solvent (64741-84-0)</b>	
Viscosity, kinematic	≥ 0.35 – ≤ 0.45 mm <sup>2</sup> /s

### 11.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: May cause drowsiness or dizziness. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/effects after skin contact	: Causes skin irritation. irritation (itching, redness, blistering).
Symptoms/effects after eye contact	: May cause eye irritation.
Symptoms/effects after ingestion	: May cause irritation to the digestive tract.
Chronic symptoms	: May cause cancer. May cause heritable genetic damage. Suspected of damaging fertility. Suspected of damaging the unborn child.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: Very toxic to aquatic life with long lasting effects. Toxic to aquatic life.
Hazardous to the aquatic environment, short-term (acute)	: Toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Very toxic to aquatic life with long lasting effects.

MIXED XYLENES1330-20-7	
LC50 - Fish [1]	2.6 mg/l Source: ECHA
EC50 - Crustacea [1]	3.4 mg/l Test organisms (species): Ceriodaphnia dubia
ErC50 algae	2.2 mg/l
LOEC (chronic)	3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	> 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'

**naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446°F)].64742-82-1**

LC50 - Other aquatic organisms [1]	4.3 mg/l Source: IUCLID
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#### Light aromatic naphtha (petroleum) solvent64742-95-6

LC50 - Fish [1]	9.22 mg/l Source: IUCLID
EC50 - Crustacea [1]	6.14 mg/l Source: IUCLID
EC50 72h - Algae [1]	19 mg/l Source: IUCLID

**Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F)].64742-48-9**

LC50 - Fish [1]	2200 mg/l Source: IUCLID
LC50 - Other aquatic organisms [1]	2.6 mg/l Source: IUCLID

#### Fatty acids, tall-oil, compds. with oleylamine85711-55-3

LOEC (chronic)	4.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
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#### Naphtha (petroleum), refined light solvent64741-84-0

LC50 - Fish [1]	4.4 mg/l
EC50 - Crustacea [1]	9.74 mg/l Source: IUCLID
EC50 72h - Algae [1]	6.5 mg/l Source: IUCLID

#### WAX8042-47-5

LC50 - Fish [1]	> 10000 mg/l Source: IUCLID
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#### 12.2. Persistence and degradability

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Persistence and degradability	Not rapidly degradable
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<b>MIXED XYLENES1330-20-7</b>	
Persistence and degradability	Not rapidly degradable
<b>Industrial secret</b>	
Persistence and degradability	Not rapidly degradable
<b>naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F)].64742-82-1</b>	
Persistence and degradability	Not rapidly degradable
<b>Light aromatic naphtha (petroleum) solvent64742-95-6</b>	
Persistence and degradability	Not rapidly degradable
<b>Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F)].64742-48-9</b>	
Persistence and degradability	Not rapidly degradable
<b>Fatty acids, tall-oil, compds. with oleylamine85711-55-3</b>	
Persistence and degradability	Not rapidly degradable
<b>Fatty acids, C-18, unsatd. trimers,compd. with 9-octadecen-1-amine, (Z)147900-93-4</b>	
Persistence and degradability	Not rapidly degradable
<b>Naphtha (petroleum), refined light solvent64741-84-0</b>	
Persistence and degradability	Not rapidly degradable
<b>PARAFFIN WAX8002-74-2</b>	
Persistence and degradability	Not rapidly degradable
<b>WAX8042-47-5</b>	
Persistence and degradability	Not rapidly degradable

### 12.3. Bioaccumulative potential

<b>MIXED XYLENES1330-20-7</b>	
Partition coefficient n-octanol/water (Log Pow)	3.15 Source: HSDB
<b>naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F)].64742-82-1</b>	
Partition coefficient n-octanol/water (Log Pow)	2.1 – 6 Source: IUCLID
<b>Light aromatic naphtha (petroleum) solvent64742-95-6</b>	
Partition coefficient n-octanol/water (Log Pow)	2.1 – 6 Source: IUCLID
<b>Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F)].64742-48-9</b>	
Partition coefficient n-octanol/water (Log Pow)	2.1 – 6 Source: IUCLID

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### Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z)147900-93-4

Partition coefficient n-octanol/water (Log Pow) 5.7 Source: ECHA

### Naphtha (petroleum), refined light solvent64741-84-0

Partition coefficient n-octanol/water (Log Pow) 2.1 – 6 Source: IUCLID

### WAX8042-47-5

Partition coefficient n-octanol/water (Log Pow) 5.18 Source: Quantitative Structure Activity Relation

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Hazardous to the ozone layer : Not available




## SECTION 13: Disposal considerations

Waste treatment methods : Must follow special treatment according to local regulation.  
Sewage disposal recommendations : Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.  
Additional information : Do not re-use empty containers.

## SECTION 14: Transport information

#### 14.1 National and international Regulations

In accordance with IMDG / IATA / ANTT

ANTT	IMDG	IATA
<b>UN number</b>		
1950	1950	1950
<b>UN Proper Shipping Name</b>		
AEROSSÓIS	AEROSOLS	Aerosols, flammable
<b>Transport document description</b>		
Not applicable	UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1950 Aerosols, flammable, 2.1
<b>Transport hazard class(es)</b>		
2.1	2	2
<b>Danger labels</b>		
2.1	2.1	2.1
		

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Subsidiary risk		
Not applicable	Not applicable	Not applicable
Risk Number		
Not applicable	Not applicable	Not applicable
Packing group		
Not applicable	Not applicable	Not applicable
Special provisions		
63,190,277,327,344	63,190,277,327,344,381,959	A145,A167,A802
Dangerous for the environment		
Yes	Yes	Yes

### 14.2 Other informations

No additional information available

## SECTION 15: Regulatory information

### 15.1. National regulations

Brazil Local Regulations

: Standard ABNT NBR 14725.  
Federal Decree no. 10.088, of 5 November 2019 – Promulgates Convention no. 170 of the WLO, relating to Safety in the Use of Chemicals in the Workplace, ratified by the Federative Republic of Brazil.  
Ministerial Order no. 2.770, of 5 September 2022 – Approves the new wording of Regulatory Standard No. 26  
Federal Decree no. 96.044, of 18 May 1988 - Approves Regulations for Road Transportation of Hazardous Materials  
Resolution no. 5998, of 03 November 2022, updates the regulation for road transport of dangerous goods, approves its Complementary Instructions, and other measures.  
Law No. 12.305, of August 2, 2010 (National Policy on Solid Waste)

## SECTION 16: Other information

Abbreviations and acronyms

: CAS-No. - Chemical Abstracts Service number  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
BCF - Bioconcentration factor  
EC50 - Median effective concentration  
LC50 - Median lethal concentration  
VOC - Volatile Organic Compounds  
LD50 - Median lethal dose  
DMEL - Derived Minimal Effect level  
DNEL - Derived-No Effect Level  
COD - Chemical oxygen demand (COD)  
ATE - Acute Toxicity Estimate  
IMDG - International Maritime Dangerous Goods  
IATA - International Air Transport Association  
EC-No. - European Community number  
vPvB - Very Persistent and Very Bioaccumulative  
WGK - Water Hazard Class  
IOELV - Indicative Occupational Exposure Limit Value

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BLV - Biological limit value

TRGS - Technical Rules for Hazardous Substances

TLM - Median Tolerance Limit

IARC - International Agency for Research on Cancer

Important information, but not specifically described in the previous sections: This MSDS was prepared based on current knowledge about the handling of the product under normal conditions of use, according to the application specified on the packaging and recommended usage in Section 1 of this MSDS. Any other use of the product involving its combination with other materials, as well as forms of use different from those indicated, are the user's responsibility. The company advises that the handling of any chemical substance requires prior knowledge of its hazards by the user. In the workplace it is responsibility of the company user of the product to provide training of its employees and contractors about the possible risks arising from exposure to the chemical. We reserve the right to change the information contained in this document without prior notice, due to the improvement and continuous evolution of the product and technical knowledge.

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