

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

1.1. Product identifier

Product form : Mixture
Trade name : EVO WB RAL 9010 MATT 520cc
Product code : 720
Vaporizer : Aerosol

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

1.2.1. Relevant identified uses

Intended for general public
Use of the substance/mixture : Spraying paint (spray can)

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Novasol Spray, S.A.
P.I.: Empalme - C/ Empalme, 27
43712 Llorenç del Penedès - Spain
T +34 977 677 305 - F +34 977 678 072
novasol@novasolspray.com - www.novasolspray.com

1.4. Emergency telephone number

Emergency number : +34 977 677 305
Office hours: Monday-Friday 8:30 AM-6:00 PM GMT+1

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol, Category 1 H222;H229
Serious eye damage/eye irritation, Category 2 H319
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) : Danger
Hazard statements (CLP) : H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H319 - Causes serious eye irritation.

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| | |
|--------------------------------|--|
| Precautionary statements (CLP) | : P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. 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. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear Safety goggles. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C. |
| UFI | : SEQ0-00EH-800M-GKFN |
| Child-resistant fastening | : Not applicable |
| Tactile warning | : Not applicable |

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|-------------|--|
| dimethyl ether (Aerosol propellants) substance with a Community workplace exposure limit (Note U) | (CAS-No.) 115-10-6 (EC-No.) 204-065-8 (EC Index-No.) 603-019-00-8 (REACH-no) 01-2119472128-37 | ≥ 50 – < 80 | Flam. Gas 1A, H220 Press. Gas |
| propan-2-ol; isopropyl alcohol; isopropanol | (CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0 (REACH-no) 01-2119457558-25 | ≥ 10 – < 15 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |
| 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve | (CAS-No.) 111-76-2 (EC-No.) 203-905-0 (EC Index-No.) 603-014-00-0 (REACH-no) 01-2119475108-36 | ≥ 3 – < 5 | Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Irrit. 2, H315 |

Note U (Table 3): When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.

Full text of H-statements: see section 16

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. |
| First-aid measures after skin contact | : Wash skin with plenty of water. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |

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

| | |
|------------------------------------|-------------------|
| Symptoms/effects after eye contact | : Eye irritation. |
|------------------------------------|-------------------|

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.
Explosion hazard : Pressurised container: May burst if heated.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

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

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes.

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

Methods for cleaning up : Mechanically recover the product.
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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid contact with skin and eyes. Wear personal protective equipment.
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 : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

dimethyl ether (115-10-6)

EU - Occupational Exposure Limits

| | |
|--------------------------------|---------------------------------|
| Local name | Dimethylether |
| IOELV TWA (mg/m ³) | 1920 mg/m ³ |
| IOELV TWA (ppm) | 1000 ppm |
| Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |

2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)

EU - Occupational Exposure Limits

| | |
|---------------------------------|---------------------------------|
| Local name | 2-Butoxyethanol |
| IOELV TWA (mg/m ³) | 98 mg/m ³ |
| IOELV TWA (ppm) | 20 ppm |
| IOELV STEL (mg/m ³) | 246 mg/m ³ |
| IOELV STEL (ppm) | 50 ppm |
| Notes | Skin |
| Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

In case of repeated or prolonged contact wear gloves

Eye protection:

eye protection (EN166)

Respiratory protection:

If vapour is released : Disposable half mask

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|----------------|---------------------|
| Physical state | : Liquid |
| Colour | : white. |
| Odour | : No data available |

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| | |
|---|---|
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : -25 °C Aerosol jet |
| Flash point | : -41 °C Aerosol jet |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Extremely flammable aerosol. |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : Pressurised container: May burst if heated. |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

| | |
|--------------|------------|
| Not volatile | : 12,6 wt% |
| VOC content | : 67,1 wt% |
| VOC content | : 649 g/l |

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

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

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

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 |

dimethyl ether (115-10-6)

| | |
|-----------------------------|---|
| LC50 Inhalation - Rat [ppm] | 164000 ppm Animal: rat, Animal sex: male, 95% CL: 142000 - 203000 |
|-----------------------------|---|

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| 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2) | |
|---|---|
| LD50 oral rat | 1746 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1322 - 2301 |
| LD50 oral | 1414 mg/kg bodyweight Animal: guinea pig, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1020 - 1961 |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LD50 dermal | 2000 |
| LC50 Inhalation - Rat | 450 |

| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|--|--|
| LD50 oral rat | 5840 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

| 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2) | |
|---|----------------------|
| IARC group | 3 - Not classifiable |

| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|--|----------------------|
| IARC group | 3 - Not classifiable |

Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

| 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2) | |
|---|---|
| NOAEL (dermal, rat/rabbit, 90 days) | > 150 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) |

Aspiration hazard : Not classified

| EVO WB RAL 9010 MATT 520cc | |
|-----------------------------------|---------|
| Vaporizer | Aerosol |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified

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| dimethyl ether (115-10-6) | |
|----------------------------------|--|
| LC50 96h fish (1) | > 4,1 g/l Test organisms (species): Poecilia reticulata |
| EC50 Daphnia 1 | > 4,4 g/l Test organisms (species): Daphnia magna |
| EC50 96h algae (1) | 154,917 mg/l Test organisms (species): other:green algae |

| 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2) | |
|---|---|
| LC50 96h fish (1) | 1474 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 Daphnia 1 | ≈ 1800 mg/l Test organisms (species): Daphnia magna |
| EC50 72h algae (1) | 911 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 72h algae (2) | 1840 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| NOEC (chronic) | 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC chronic fish | > 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '21 d' |

| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|--|--|
| LC50 96h fish (1) | 10000 mg/l Test organisms (species): Pimephales promelas |
| LC50 fish 2 | 9640 mg/l Test organisms (species): Pimephales promelas |

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information




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

| ADR | IMDG | IATA |
|------------------------|-------------|-------------|
| 14.1. UN number | | |
| UN 1950 | UN 1950 | UN 1950 |

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| 14.2. UN proper shipping name | | |
|---|---|---|
| AEROSOLS | AEROSOLS | Aerosols, flammable |
| Transport document description | | |
| UN 1950 AEROSOLS, 2.1, (D) | UN 1950 AEROSOLS, 2.1 | UN 1950 Aerosols, flammable, 2.1 |
| 14.3. Transport hazard class(es) | | |
| 2.1 | 2.1 | 2.1 |
|  |  |  |
| 14.4. Packing group | | |
| Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | |
| Dangerous for the environment : No | Dangerous for the environment : No Marine pollutant : No | Dangerous for the environment : No |
| No supplementary information available | | |

14.6. Special precautions for user

Overland transport

| | |
|---|----------------------|
| Classification code (ADR) | : 5F |
| Special provisions (ADR) | : 190, 327, 344, 625 |
| Limited quantities (ADR) | : 1I |
| Excepted quantities (ADR) | : E0 |
| Packing instructions (ADR) | : P207 |
| Special packing provisions (ADR) | : PP87, RR6, L2 |
| Mixed packing provisions (ADR) | : MP9 |
| Transport category (ADR) | : 2 |
| Special provisions for carriage - Packages (ADR) | : V14 |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV9, CV12 |
| Special provisions for carriage - Operation (ADR) | : S2 |
| Tunnel restriction code (ADR) | : D |

Transport by sea

| | |
|-----------------------------------|------------------------------------|
| Special provisions (IMDG) | : 63, 190, 277, 327, 344, 381, 959 |
| Packing instructions (IMDG) | : P207, LP200 |
| Special packing provisions (IMDG) | : PP87, L2 |
| EmS-No. (Fire) | : F-D |
| EmS-No. (Spillage) | : S-U |
| Stowage category (IMDG) | : None |
| Stowage and handling (IMDG) | : SW1, SW22 |
| Segregation (IMDG) | : SG69 |

Air transport

| | |
|--|--------------------|
| 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 provisions (IATA) | : A145, A167, A802 |
| ERG code (IATA) | : 10L |

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14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

| Reference code | Applicable on |
|----------------|--|
| 3(a) | EVO WB RAL 9010 MATT 520cc ; propan-2-ol; isopropyl alcohol; isopropanol |
| 3(b) | EVO WB RAL 9010 MATT 520cc ; 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve ; propan-2-ol; isopropyl alcohol; isopropanol |
| 40. | propan-2-ol; isopropyl alcohol; isopropanol |

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 67,1 wt%

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

| Section | Changed item | Change | Comments |
|---------|--------------------------------|----------|----------|
| | Classification code (RID) | Added | |
| 2.2 | Precautionary statements (CLP) | Modified | |

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

| | |
|--------------|-----------|
| Aerosol 1 | H222;H229 |
| Eye Irrit. 2 | H319 |

Full text of H- and EUH-statements:

| | |
|---------------------------|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Gas 1A | Flammable gases, Category 1A |
| Flam. Liq. 2 | Flammable liquids, Category 2 |

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| | |
|---------------|--|
| Press. Gas | Gases under pressure |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H336 | May cause drowsiness or dizziness. |

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| | | |
|--------------|-----------|-----------------------|
| Aerosol 1 | H222;H229 | On basis of test data |
| Eye Irrit. 2 | H319 | Calculation method |

SDS EU (REACH Annex II)

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.