



Eurol EGR Cleaner spray

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Issue date: 17-7-2014 Revision date: 10-11-2014 Supersedes: 17-7-2014 Version: 2.1

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

1.1. Product identifier

Product form : Mixture
Product name : Eurol EGR Cleaner spray
Product code : E701120
Type of product : Detergent
Vaporizer : Aerosol
Product group : Trade product

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : industrial use, professional use, consumer use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

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Energiestraat 12
P.O. Box P.O. Box 135
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T +31 548 615165
reach@eurol.com - www.eurol.com

1.4. Emergency telephone number

Emergency number : +31 79 3467 808
EVOFENEDEX

| Country | Organisation/Company | Address | Emergency number | Comment |
|----------------|--|--|--|---------|
| Ireland | National Poisons Information Centre Beaumont Hospital | Beaumont Hospital Beaumont Road 9 Dublin | +353 1 8379964 | |
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| Malta | Medicines & Poisons Info Office | Mater Dei Hospital MSD Msida | +356 2545 6504 | |
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH Birmingham | 0344 892 0111 | |
| United Kingdom | National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital | Penarth CF64 2XX Cardiff | 0344 892 0111 | |
| United Kingdom | National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh | Little France Crescent EH16 4SA Edinburgh | 0344 892 0111 | |
| United Kingdom | Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust | Avonley Road SE14 5ER London | +44 20 7188 7188 | |

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| | | | | |
|----------------|---|---|---------------|--|
| United Kingdom | National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit | Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle | 0344 892 0111 | |
| United Kingdom | National Poisons Information Service (Belfast Centre) Royal Victoria Hospital | Grosvenor Road BT12 6BA Belfast | 0344 892 0111 | |

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
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



CLP Signal word : Danger
Hazardous ingredients : Hydrocarbons, C9, aromatics
Hazard statements (CLP) : H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP) : P102 - Keep out of reach of children.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P251 - Do not pierce or burn, even after use.
P261 - Avoid breathing mist, spray, vapours.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents/container to a hazardous or special waste collection point.
P211 - Do not spray on an open flame or other ignition source.
EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking.
Child-resistant fastening : Not applicable
Tactile warning : Not applicable

2.3. Other hazards

Other hazards not contributing to the classification : Flammable or explosive vapour/air mixtures may be formed.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|---------|--|
| Hydrocarbons, C9, aromatics | (EC-No.) 918-668-5 (REACH-no) 01-2119455851-35 | 25 – 35 | STOT SE 3, H335 Aquatic Chronic 2, H411 |
| Butane (containing ≤ 0,1 % 1,3-butadiene) substance with national workplace exposure limit(s) (GB, IE) | (CAS-No.) 106-97-8 (EC-No.) 203-448-7 (EC Index-No.) 601-004-01-8 | 10 – 25 | Flam. Gas 1A, H220 |
| Acetone | (CAS-No.) 67-64-1 (EC-No.) 200-662-2 (EC Index-No.) 606-001-00-8 (REACH-no) 01-2119471330-49 | 10 – 25 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |
| 2-butoxyethanol | (CAS-No.) 111-76-2 (EC-No.) 203-905-0 (EC Index-No.) 603-014-00-0 | 10 – 25 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 |
| propane substance with national workplace exposure limit(s) (IE) | (CAS-No.) 74-98-6 (EC-No.) 200-827-9 (EC Index-No.) 601-003-00-5 | 10 – 25 | Flam. Gas 1A, H220 Press. Gas (Comp.), H280 |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : Seek medical attention if ill effect develops. |
| First-aid measures after inhalation | : Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice. Allow the victim to rest. |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if ill effect or irritation develops. |
| First-aid measures after eye contact | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Ensure adequate flushing of eyes by separating eyelids with the fingers. Obtain medical attention if pain, blinking, tears or redness persist. |
| First-aid measures after ingestion | : Consult a doctor/medical service if you feel unwell. Do not induce vomiting. |

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

| | |
|--|--|
| Symptoms/effects | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after inhalation | : Inhalation of the spray or mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath. Symptoms of overexposure to vapours include drowsiness, weakness, headache, dizziness, nausea, vomiting, dimming of vision. |
| Symptoms/effects after skin contact | : Redness, pain. |
| Symptoms/effects after eye contact | : Unlikely to cause more than transient stinging or redness if accidental eye contact occurs. |
| Symptoms/effects after ingestion | : Bad taste. Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea. |
| Symptoms/effects upon intravenous administration | : Unknown. |

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 : carbon dioxide (CO₂), dry chemical powder, foam. Water fog.

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Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Combustion generates: CO, CO₂.
Explosion hazard : Aerosol tins involved in fire may rupture and become projectiles.

5.3. Advice for firefighters

Precautionary measures fire : Do not enter fire area without proper protective equipment, including respiratory protection.
Firefighting instructions : Use water spray or fog for cooling exposed containers.
Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.
Other information : Prevent fire fighting water from entering the environment. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Prevent soil and water pollution. Prevent entry to sewers and public waters. Eliminate every possible source of ignition. Keep out of reach of children. Ensure adequate ventilation, especially in confined areas.

6.1.1. For non-emergency personnel

Protective equipment : When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required. Use protective clothing.

Emergency procedures : Consider evacuation.

6.1.2. For emergency responders

Protective equipment : When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required.

Emergency procedures : No specific measures are necessary.

6.2. Environmental precautions

Dike for recovery or absorb with appropriate material. Notify authorities if product enters sewers or public waters. Prevent liquid from entering sewers, watercourses, underground or low areas.

6.3. Methods and material for containment and cleaning up

For containment : Large quantities: Contain large spillage with sand or earth. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.
Methods for cleaning up : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Take up large spills with pump or vacuum and finish with dry chemical absorbent.
Other information : Use suitable disposal containers. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations. On water, recover/skim from surface and pour out in disposal container.

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 : Where contact with eyes or skin is likely, wear suitable protection. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Protect material from direct sunlight. Do not eat, drink or smoke during use. Use appropriate ventilation. Take precautionary measures against static discharge. Keep away from sources of ignition - No smoking. Keep out of reach of children.

Handling temperature : < 45 °C

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Hygiene measures : Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Where contact with eyes or skin is likely, wear suitable protection. Wash contaminated clothing before reuse. Avoid repeated or prolonged skin contact. Remove all contaminated clothing and footwear.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep container tightly closed and in well ventilated place.
Storage conditions : Keep only in original container.
Incompatible products : Reacts vigorously with strong oxidizers and acids.
Maximum storage period : 3 year
Storage temperature : ≤ 50 °C
Information on mixed storage : Keep away from : oxidizing materials. Strong acids.
Storage area : Store at ambient temperature. Keep out of direct sunlight. Keep container in a well-ventilated place.
Special rules on packaging : Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

7.3. Specific end use(s)

Aerosol can.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Butane (containing ≤ 0,1 % 1,3-butadiene) (106-97-8) | |
|--|--|
| Ireland - Occupational Exposure Limits | |
| Local name | Butane |
| OEL (8 hours ref) (ppm) | 1000 ppm |
| United Kingdom - Occupational Exposure Limits | |
| Local name | Butane |
| WEL TWA (mg/m ³) | 1450 mg/m ³ |
| WEL TWA (ppm) | 600 ppm |
| WEL STEL (mg/m ³) | 1810 mg/m ³ |
| WEL STEL [ppm] | 750 ppm |
| Remark (WEL) | Carc (Capable of causing cancer and/or heritable genetic damage. See paragraphs 49–51), (only applies if Butane contains more than 0.1% of buta-1,3-diene) |

| 2-butoxyethanol (111-76-2) | |
|--|-----------------------|
| EU - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol |
| IOELV TWA (mg/m ³) | 98 |
| IOELV TWA (ppm) | 20 ppm |
| IOELV STEL (mg/m ³) | 246 mg/m ³ |
| IOELV STEL (ppm) | 50 ppm |
| Notes | Skin |

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| Ireland - Occupational Exposure Limits | |
|--|---|
| Local name | 2-Butoxyethanol (EGBE) |
| OEL (8 hours ref) (mg/m ³) | 98 mg/m ³ |
| OEL (8 hours ref) (ppm) | 20 ppm |
| OEL (15 min ref) (mg/m ³) | 246 mg/m ³ |
| OEL (15 min ref) (ppm) | 50 ppm |
| Notes (IE) | Sk , IOELV |
| Malta - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol |
| OEL TWA (mg/m ³) | 98 mg/m ³ |
| OEL TWA (ppm) | 20 ppm |
| OEL STEL (mg/m ³) | 246 mg/m ³ |
| OEL STEL (ppm) | 50 ppm |
| United Kingdom - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol |
| WEL TWA (mg/m ³) | 123 |
| WEL TWA (ppm) | 25 ppm |
| WEL STEL (mg/m ³) | 246 mg/m ³ |
| WEL STEL [ppm] | 50 ppm |
| Remark (WEL) | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), BMGV (Biological monitoring guidance values are listed in Table 2) |

| propane (74-98-6) | |
|---|----------|
| Ireland - Occupational Exposure Limits | |
| Local name | Propane |
| OEL (8 hours ref) (ppm) | 1000 ppm |
| Notes (IE) | Asphx |

| Acetone (67-64-1) | |
|---|------------------------|
| EU - Occupational Exposure Limits | |
| Local name | Acetone |
| IOELV TWA (mg/m ³) | 1210 mg/m ³ |
| IOELV TWA (ppm) | 500 ppm |
| Ireland - Occupational Exposure Limits | |
| Local name | Acetone |
| OEL (8 hours ref) (mg/m ³) | 1210 mg/m ³ |
| OEL (8 hours ref) (ppm) | 500 ppm |
| OEL (15 min ref) (mg/m ³) | 1210 mg/m ³ |
| OEL (15 min ref) (ppm) | 50 ppm |
| Notes (IE) | IOELV |

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| Malta - Occupational Exposure Limits | |
|---|------------------------|
| Local name | Acetone |
| OEL TWA (mg/m ³) | 1210 mg/m ³ |
| OEL TWA (ppm) | 500 ppm |
| United Kingdom - Occupational Exposure Limits | |
| Local name | Acetone |
| WEL TWA (mg/m ³) | 1210 mg/m ³ |
| WEL TWA (ppm) | 500 ppm |
| WEL STEL (mg/m ³) | 3620 mg/m ³ |
| WEL STEL [ppm] | 1500 ppm |

8.2. Exposure controls

Appropriate engineering controls:

Use explosion-proof equipment. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:

Gloves. High gas/vapour concentration: gas mask with filter type A. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Protective goggles.

Materials for protective clothing:

PVC gloves. Neoprene or nitrile rubber gloves

Hand protection:

protective gloves. The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream). The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

Eye protection:

Safety glasses

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use. Avoid repeated or prolonged skin contact. If repeated skin contact or contamination of clothing is likely, protective clothing should be worn. Equipment should conform to EN 166.

Respiratory protection:

Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment. Respiratory protective equipment must be checked to ensure it fits correctly each time it is worn. Provided an air-filtering/air-purifying respirator is suitable, a filter for particulates can be used for mist or fume. Use filter type P or comparable standard. A combination filter for particles and organic gases and vapours (boiling point >65°C) may be required if vapour or abnormal odour is also present due to high product temperature. Use filter type AP or comparable standard.

Personal protective equipment symbol(s):



Environmental exposure controls:

See Heading 12. See Heading 6.

Consumer exposure controls:

PVC gloves. Neoprene or nitrile rubber gloves.

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Other information:

Do not put the product-soaked rags into the pockets of working clothes. Do not use cloths stained with the product to dry hands. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke during use. Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|------------------------|
| Physical state | : liquid |
| Appearance | : Aerosol. |
| Colour | : Colourless. |
| Odour | : characteristic. |
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : 5,6 |
| Melting point | : 0 °C |
| Freezing point | : No data available |
| Boiling point | : 140 – 180 °C |
| Flash point | : -20 °C Aerosol |
| Auto-ignition temperature | : 230 °C |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Flammable aerosol |
| Vapour Pressure 20°C | : 8530 hPa |
| Relative vapour density at 20 °C | : > 1 (air=1) |
| Relative density | : No data available |
| Density | : 0,8 – 0,9 kg/l |
| Solubility | : No data available |
| Log Pow | : No data available |
| Viscosity, kinematic | : 1 mm ² /s |
| Viscosity, dynamic | : 1 mPa·s |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : 0,8 – 13 vol % |

9.2. Other information

| | |
|-------------|---------------------|
| VOC content | : 760 g/l |
| Gas group | : Press. Gas (Liq.) |

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

Overheating. Direct sunlight. Keep away from sources of ignition - No smoking.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids.

10.6. Hazardous decomposition products

CO, CO₂.

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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

| 2-butoxyethanol (111-76-2) | |
|----------------------------|------------------|
| LD50 oral rat | 200 – 2000 mg/kg |
| LD50 dermal rat | 400 – 2000 ml/kg |
| LC50 Inhalation - Rat | ≤ 2 mg/l 20 |

Skin corrosion/irritation : Not classified.
Additional information : Based on available data, the classification criteria are not met
Serious eye damage/irritation : Causes serious eye irritation.
Additional information : Based on available data, the classification criteria are not met
Respiratory or skin sensitisation : Not classified
Additional information : Based on available data, the classification criteria are not met
Germ cell mutagenicity : Not classified.
Additional information : Based on available data, the classification criteria are not met
Carcinogenicity : Not classified.
Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified
Additional information : Based on available data, the classification criteria are not met

STOT-single exposure : May cause drowsiness or dizziness.
Additional information : Based on available data, the classification criteria are not met

STOT-repeated exposure : Not classified
Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Not classified
Additional information : Based on available data, the classification criteria are not met

| Eurol EGR Cleaner spray | |
|-------------------------|----------------------|
| Vaporizer | Aerosol |
| Viscosity, kinematic | 1 mm ² /s |

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.
Other information : Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar products. Likely route of exposure: ingestion, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

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| 2-butoxyethanol (111-76-2) | |
|----------------------------|----------|
| LC50 fish 1 | 100 mg/l |

| Acetone (67-64-1) | |
|--------------------|--|
| LC50 fish 1 | 5540 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout) |
| LC50 fish 2 | > 11000 mg/l Alver |
| EC50 Daphnia 1 | > 100 mg/l EC50 48h - <i>Daphnia magna</i> [mg/l] |
| EC50 Daphnia 2 | 8800 mg/l <i>Daphnia pulex</i> |
| EC50 96h algae (1) | > 100 mg/l <i>Pseudokirchneriella subcapitata</i> |
| EC50 96h algae (2) | 430 mg/l <i>Prorocentrum minimum</i> |

12.2. Persistence and degradability

| Acetone (67-64-1) | |
|-------------------|-------------------------|
| Biodegradation | 91 % (OECD 301A method) |

12.3. Bioaccumulative potential

| EuroI EGR Cleaner spray | |
|---------------------------|---|
| Bioaccumulative potential | This product is not expected to bioaccumulate through food chains in the environment. |

| Acetone (67-64-1) | |
|-------------------|-------|
| Log Pow | -0,24 |

12.4. Mobility in soil

| EuroI EGR Cleaner spray | |
|-------------------------|---|
| Ecology - soil | Spillages may penetrate the soil causing ground water contamination. This product floats on water and may affect the oxygen-balance in the water. |

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|-----------------------------------|--|
| Regional legislation (waste) | : Disposal must be done according to official regulations. |
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Do not discharge into drains or the environment. |
| Additional information | : Hazardous waste. |
| Ecology - waste materials | : Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly. When not empty dispose of this container at hazardous or special waste collection point. |
| European List of Waste (LoW) code | : 16 05 04* - gases in pressure containers (including halons) containing dangerous substances |

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SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|---|---|--|-------------------------------------|--|
| 14.1. UN number | | | | |
| UN 1950 | UN 1950 | UN 1950 | Not applicable | UN 1950 |
| 14.2. UN proper shipping name | | | | |
| AEROSOLS | Not applicable | Not applicable | Not applicable | Not applicable |
| Transport document description | | | | |
| UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS | UN 1950 , 2, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 1950 , 2, ENVIRONMENTALLY HAZARDOUS | Not applicable | UN 1950 , 2.1, ENVIRONMENTALLY HAZARDOUS |
| 14.3. Transport hazard class(es) | | | | |
| 2.1 | 2 | 2 | Not applicable | 2.1 |
| | | | | |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment : Yes | Dangerous for the environment : Yes Marine pollutant : Yes | Dangerous for the environment : Yes | Dangerous for the environment : Yes | Dangerous for the environment : Yes |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

Classification code (UN) : 5F
Special provisions (ADR) : 190, 327, 344, 625
Limited quantities (ADR 2011) : 1I
Excepted quantities (ADR) : E0
Transport category (ADR) : 2
Tunnel restriction code (ADR) : D

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

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

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

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 : 760 g/l

| Detergent Regulation (648/2004/EC): Labelling of contents: | |
|--|------|
| Component | % |
| aromatic hydrocarbons, aliphatic hydrocarbons | ≥30% |

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: | | | |
|------------------------|---|----------|----------|
| Section | Changed item | Change | Comments |
| | Indication of changes | Removed | |
| 1 | Type of product | Added | |
| 2.1 | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Modified | |
| 2.2 | Precautionary statements (CLP) | Modified | |
| 2.2 | Extra phrases | Removed | |
| 3 | Composition/information on ingredients | Modified | |
| 9.1 | Flash point | Modified | |
| 9.2 | VOC content | Modified | |
| 15.1 | VOC content | Modified | |

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

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 |

Eurol EGR Cleaner spray

Safety Data Sheet

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

| | |
|--------------------|--|
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Gas 1A | Flammable gases, Category 1A |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Press. Gas (Comp.) | Gases under pressure : Compressed gas |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| 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. |
| H280 | Contains gas under pressure; may explode 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. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

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.