



Restore Benzine Injectoren-Reiniger

Safety Data Sheet

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

MSDS Version: E06.00

Date of issue: 15/03/2016

Blend Version: 9

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

1.1. Product identifier

Product form : Mixture
Product name : Restore Benzine Injectoren-Reiniger
Product code : S40864

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Petrol additive

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Groupe Restore - Biral N.V.
Rue de l'Echauffourée 1
7700 MOESKROEN (MOUSCRON) - België
T +32 (0)56 33 38 40 - F +32 (0)56 33 38 07
biral.lubricants@laposte.net - www.biral-lubricants.be

1.4. Emergency telephone number

Emergency number : BIG: 0032 (0)14 58 45 45

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

| | |
|-------------------|------|
| Flam. Liq. 2 | H225 |
| Eye Irrit. 2 | H319 |
| STOT RE 1 | H372 |
| Asp. Tox. 1 | H304 |
| Aquatic Chronic 3 | H412 |

Full text of hazard classes and 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) :



Signal word (CLP) : Danger

Hazardous ingredients : hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H319 - Causes serious eye irritation
H372 - Causes damage to organs (central nervous system) through prolonged or repeated exposure
H412 - Harmful to aquatic life with long lasting effects

EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary statements (CLP) : P102 - Keep out of reach of children
P405 - Store locked up
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P260 - Do not breathe vapours
P280 - Wear eye protection
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor

Restore Benzine Injectoren-Reiniger

Safety Data Sheet

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

P331 - Do NOT induce vomiting
P273 - Avoid release to the environment

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % w | Classification according to Directive 67/548/EEC |
|--|---|---------|--|
| hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) | (EC no) 919-164-8 (REACH-no) 01-2119473977-17 | 50 - 75 | Xn; R48/20 Xn; R65 R66 |
| Propan-2-ol | (CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0 (REACH-no) 01-2119457558-25 | 10 - 25 | F; R11 Xi; R36 R67 |
| 4-methylpentan-2-ol | (CAS No) 108-11-2 (EC no) 203-551-7 (EC index no) 603-008-00-8 (REACH-no) 01-2119473979-13 | 5 - 10 | R10 Xi; R36/37/38 |
| 1-Propene, 2-methyl-, homopolymer, hydroformylation products, reaction products with ammonia | (CAS No) 337367-30-3 | 2,5 - 5 | Xi; R38 R52/53 |
| Polyether | (CAS No) 173140-85-7 (EC no) polymer | 1 - 2,5 | Xi; R38 |
| Solvent naphtha (petroleum), heavy aromatic | (CAS No) 64742-94-5 (EC no) 265-198-5 (EC index no) 649-424-00-3 | 1 - 2,5 | Xn; R65 N; R51/53 R66 R67 |
| Naphthalene | (CAS No) 91-20-3 (EC no) 202-049-5 (EC index no) 601-052-00-2 (REACH-no) 01-2119561346-37 | 0,1 - 1 | Carc.Cat.3; R40 Xn; R22 N; R50/53 |

| Name | Product identifier | Specific concentration limits |
|---------------------|---|-------------------------------|
| 4-methylpentan-2-ol | (CAS No) 108-11-2 (EC no) 203-551-7 (EC index no) 603-008-00-8 (REACH-no) 01-2119473979-13 | (C >= 25) Xi;R37 |

| Name | Product identifier | % w | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|---------|--|
| hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) | (EC no) 919-164-8 (REACH-no) 01-2119473977-17 | 50 - 75 | STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 3, H412 |
| Propan-2-ol | (CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0 (REACH-no) 01-2119457558-25 | 10 - 25 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |
| 4-methylpentan-2-ol | (CAS No) 108-11-2 (EC no) 203-551-7 (EC index no) 603-008-00-8 (REACH-no) 01-2119473979-13 | 5 - 10 | Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H335 |
| 1-Propene, 2-methyl-, homopolymer, hydroformylation products, reaction products with ammonia | (CAS No) 337367-30-3 | 2,5 - 5 | Skin Irrit. 2, H315 Aquatic Chronic 3, H412 |
| Polyether | (CAS No) 173140-85-7 (EC no) polymer | 1 - 2,5 | Skin Irrit. 2, H315 |
| Solvent naphtha (petroleum), heavy aromatic | (CAS No) 64742-94-5 (EC no) 265-198-5 (EC index no) 649-424-00-3 | 1 - 2,5 | STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| Naphthalene | (CAS No) 91-20-3 (EC no) 202-049-5 (EC index no) 601-052-00-2 (REACH-no) 01-2119561346-37 | 0,1 - 1 | Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

| Name | Product identifier | Specific concentration limits |
|---------------------|---|-------------------------------|
| 4-methylpentan-2-ol | (CAS No) 108-11-2 (EC no) 203-551-7 (EC index no) 603-008-00-8 (REACH-no) 01-2119473979-13 | (C >= 25) STOT SE 3, H335 |

Restore Benzine Injectoren-Reiniger

Safety Data Sheet

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

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Check the vital functions. Keep victim at rest in half upright position. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. If necessary seek medical advice.
- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- 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. If skin irritation occurs: Get medical advice/attention.
- 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. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. Ingestion of large quantities: immediately to hospital.

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

- Symptoms/injuries after skin contact : skin corrosion/irritation. Repeated or prolonged skin contact may cause dermatitis and defatting.
- Symptoms/injuries after ingestion : Harmful if swallowed. Risk of aspiration pneumonia. May be fatal if swallowed and enters airways. Abdominal pain. Headache.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Alcohol resistant foam. ABC-powder.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Highly flammable liquid and vapour. This material can accumulate static charge by flow or agitation and can be ignited by static discharge. Gas/vapour spreads at floor level: ignition hazard.
- Explosion hazard : Product is not explosive.

5.3. Advice for firefighters

- Firefighting instructions : Prevent fire fighting water from entering the environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable gloves and eye/face protection. protective clothing.
- Emergency procedures : Mark the danger area. Large spills/in enclosed spaces: compressed air apparatus. Seal off low-lying areas. Take off contaminated clothing and wash before reuse.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage. Contain leaking substance, pump over in suitable containers.

Restore Benzine Injectoren-Reiniger

Safety Data Sheet

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

Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean preferably with a detergent - Avoid the use of solvents.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Meet the legal requirements. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Provide good ventilation in process area to prevent formation of vapour. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin. Presents no particular risk when handled in accordance with good occupational hygiene practice.

Hygiene measures : Use good personal hygiene practices. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Take precautionary measures against static discharge. Does not require any specific or particular technical measures.

Storage conditions : Protect from sunlight. Store in a well-ventilated place. Meet the legal requirements. Keep container tightly closed.

Storage temperature : < 45 °C

Storage area : Meet the legal requirements. Ventilation along the floor.

Special rules on packaging : Keep only in original container. correctly labelled.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

| | | |
|---------------------------------|----------------------------------|-----------------------|
| Belgium | Limit value (mg/m ³) | 533 mg/m ³ |
| Belgium | Limit value (ppm) | 100 ppm |
| Italy - Portugal - USA ACGIH | ACGIH TWA (ppm) | 100 ppm |

Propan-2-ol (67-63-0)

| | | |
|---------|---------------------------------------|------------------------|
| Belgium | Limit value (mg/m ³) | 500 mg/m ³ |
| Belgium | Limit value (ppm) | 200 ppm |
| Belgium | Short time value (mg/m ³) | 1000 mg/m ³ |
| Belgium | Short time value (ppm) | 400 ppm |
| France | VLE (mg/m ³) | 980 mg/m ³ |
| France | VLE (ppm) | 400 ppm |

4-methylpentan-2-ol (108-11-2)

| | | |
|---------------------------------|---|-----------------------|
| Belgium | Limit value (mg/m ³) | 106 mg/m ³ |
| Belgium | Limit value (ppm) | 25 ppm |
| Belgium | Short time value (mg/m ³) | 169 mg/m ³ |
| Belgium | Short time value (ppm) | 40 ppm |
| Belgium | Remark (BE) | D |
| France | VME (mg/m ³) | 100 mg/m ³ |
| France | VME (ppm) | 25 ppm |
| Germany | TRGS 900 Occupational exposure limit value (mg/m ³) | 85 mg/m ³ |
| Germany | TRGS 900 Occupational exposure limit value (ppm) | 20 ppm |
| Italy - Portugal - USA ACGIH | ACGIH TWA (ppm) | 25 ppm |
| Italy - Portugal - USA ACGIH | ACGIH STEL (ppm) | 40 ppm |
| United Kingdom | WEL TWA (mg/m ³) | 106 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 25 ppm |

Restore Benzine Injectoren-Reiniger

Safety Data Sheet

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

4-methylpentan-2-ol (108-11-2)

| | | |
|----------------|-------------------------------|-----------------------|
| United Kingdom | WEL STEL (mg/m ³) | 170 mg/m ³ |
| United Kingdom | WEL STEL (ppm) | 40 ppm |

Naphthalene (91-20-3)

| | | |
|---------|---------------------------------------|----------------------|
| EU | IOELV TWA (mg/m ³) | 50 mg/m ³ |
| EU | IOELV TWA (ppm) | 10 ppm |
| Belgium | Limit value (mg/m ³) | 53 mg/m ³ |
| Belgium | Limit value (ppm) | 10 ppm |
| Belgium | Short time value (mg/m ³) | 80 mg/m ³ |
| Belgium | Short time value (ppm) | 15 ppm |
| Belgium | Remark (BE) | D |

Propan-2-ol (67-63-0)

| | |
|--|--------------------------|
| DNEL/DMEL (Workers) | |
| Long-term - systemic effects, dermal | 888 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 500 mg/m ³ |
| DNEL/DMEL (General population) | |
| Long-term - systemic effects,oral | 26 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 89 mg/m ³ |
| Long-term - systemic effects, dermal | 319 mg/kg bodyweight/day |
| PNEC (Water) | |
| PNEC aqua (freshwater) | 140,9 mg/l |
| PNEC aqua (marine water) | 140,9 mg/l |
| PNEC aqua (intermittent, freshwater) | 140,9 mg/l |
| PNEC aqua (intermittent, marine water) | 140,9 mg/l |
| PNEC (Sediment) | |
| PNEC sediment (freshwater) | 552 mg/kg dwt |
| PNEC sediment (marine water) | 552 mg/kg dwt |
| PNEC (Soil) | |
| PNEC soil | 28 mg/kg dwt |
| PNEC (Oral) | |
| PNEC oral (secondary poisoning) | 160 mg/kg food |
| PNEC (STP) | |
| PNEC sewage treatment plant | 2251 mg/l |

4-methylpentan-2-ol (108-11-2)

| | |
|--|---------------------------|
| DNEL/DMEL (Workers) | |
| Acute - systemic effects, inhalation | 208 mg/m ³ |
| Acute - local effects, inhalation | 104 mg/m ³ |
| Long-term - systemic effects, dermal | 11,8 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 83 mg/m ³ |
| Long-term - local effects, inhalation | 83 mg/m ³ |
| DNEL/DMEL (General population) | |
| Acute - systemic effects, inhalation | 155,2 mg/m ³ |
| Acute - local effects, inhalation | 52,1 mg/m ³ |
| Long-term - systemic effects,oral | 4,2 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 14,7 mg/m ³ |
| Long-term - systemic effects, dermal | 4,2 mg/kg bodyweight/day |
| Long-term - local effects, inhalation | 14,7 mg/m ³ |
| PNEC (Water) | |
| PNEC aqua (freshwater) | 0,6 mg/l |
| PNEC aqua (marine water) | 0,06 mg/l |
| PNEC aqua (intermittent, freshwater) | 3,3 mg/l |
| PNEC (Sediment) | |
| PNEC sediment (freshwater) | 2,94 mg/kg dwt |
| PNEC sediment (marine water) | 0,3 mg/kg dwt |
| PNEC (Soil) | |
| PNEC soil | 0,24 mg/kg dwt |
| PNEC (STP) | |

Restore Benzine Injectoren-Reiniger

Safety Data Sheet

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

4-methylpentan-2-ol (108-11-2)

PNEC sewage treatment plant 1 mg/l

8.2. Exposure controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide good ventilation in process area to prevent formation of vapour. Does not require any specific or particular technical measures.

Personal protective equipment : Gloves. Safety glasses.



Hand protection : Neoprene, nitrile. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer.

Other information : Breakthrough time : >30'. Thickness of the glove material >0,1 mm.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Clear.
Colour : light yellow.
Odour : Alcohol.
Odour threshold : No data available
pH :
Relative evaporation rate (butylacetate=1) : No data available
refraction index : 1,434
Melting point : No data available
Freezing point : No data available
Boiling point : > 75 °C
Flash point : 15 °C
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Density @20°C : 805 kg/m³
Solubility : In water, material is partially soluble.
Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic @40°C : 1,54 mm²/s
Viscosity, dynamic @40°C : No data available
Viscosity :
Viscosity Index :
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information

VOC content : 93,4 %

Additional information : The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

Restore Benzine Injectoren-Reiniger

Safety Data Sheet

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

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Keep away from strong acids and strong oxidizers.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

On burning: release of harmful/irritant gases/vapours. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Harmful: may cause lung damage if swallowed

hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

LD50 oral rat > 15000 mg/kg

LD50 dermal rabbit > 3400 mg/kg

LC50 inhalation rat (mg/l) > 13,1 mg/l/4h

Propan-2-ol (67-63-0)

LD50 oral rat 5840 mg/kg bodyweight Sherman

LD50 dermal rabbit 13900 mg/kg bodyweight

LC50 inhalation rat (mg/l) > 25 mg/l

ATE CLP (oral) 5840,000 mg/kg bodyweight

ATE CLP (dermal) 13900,000 mg/kg bodyweight

4-methylpentan-2-ol (108-11-2)

LD50 oral rat 2590 mg/kg bodyweight

LD50 dermal rabbit 2870 mg/kg bodyweight

LC50 inhalation rat (mg/l) > 16 mg/l/4h Wistar

ATE CLP (oral) 2590,000 mg/kg bodyweight

ATE CLP (dermal) 2870,000 mg/kg bodyweight

Naphthalene (91-20-3)

LD50 oral rat > 2000 mg/kg bodyweight Sprague-Dawley

LD50 dermal rat > 2500 mg/kg bodyweight Sherman

ATE CLP (oral) 500,000 mg/kg bodyweight

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

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Causes damage to organs (central nervous system) through prolonged or repeated exposure.

Aspiration hazard : May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : This product contains hazardous components for the aquatic environment.

Ecology - water : Harmful to aquatic life with long lasting effects.

Restore Benzine Injectoren-Reiniger

Safety Data Sheet

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

Propan-2-ol (67-63-0)

| | |
|----------------|-----------------------------------|
| LC50 fish 1 | 96h 9640 mg/l pimephales promelas |
| EC50 Daphnia 1 | 24h 9714 mg/l daphnia magna |
| LOEC (chronic) | 1000 mg/l @8d algae |

4-methylpentan-2-ol (108-11-2)

| | |
|--------------------------------|--|
| LC50 fish 1 | > 92,4 mg/l @96h Pimephales promelas |
| EC50 Daphnia 1 | 48h 337 mg/l Daphnia magna |
| EC50 other aquatic organisms 1 | 96h 334 mg/l Pseudokirchneriella subcapitata |
| NOEC (acute) | 48h 288 mg/l Daphnia magna |

Naphthalene (91-20-3)

| | |
|----------------|----------------------------------|
| LC50 fish 1 | 96h 1,6 mg/l Oncorhynchus mykiss |
| EC50 Daphnia 1 | 48h 2,16 mg/l Daphnia magna |

12.2. Persistence and degradability

Propan-2-ol (67-63-0)

Persistence and degradability Readily biodegradable.

4-methylpentan-2-ol (108-11-2)

Persistence and degradability Readily biodegradable in water. easily degradable in the soil.

12.3. Bioaccumulative potential

Propan-2-ol (67-63-0)

| | |
|---------------------------|---------------------|
| Log Pow | 0,05 |
| Log Kow | < 4 |
| Bioaccumulative potential | No bioaccumulation. |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Propan-2-ol (67-63-0)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|-----------------------------------|--|
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Remove to an authorized waste treatment plant. Avoid release to the environment. |
| European List of Waste (LoW) code | : 14 06 03* - other solvents and solvent mixtures 15 01 10* - packaging containing residues of or contaminated by dangerous substances |

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : 1993

14.2. UN proper shipping name

Proper Shipping Name (ADR) : FLAMMABLE LIQUID, N.O.S.

Transport document description (ADR) : UN 1993 FLAMMABLE LIQUID, N.O.S. (Isopropanol), 3, II, (D/E)

14.3. Transport hazard class(es)

Class (ADR) : 3

Restore Benzine Injectoren-Reiniger

Safety Data Sheet

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

Danger labels (ADR) : 3



14.4. Packing group

Packing group (ADR) : II

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 33

Classification code (ADR) : F1

Orange plates :



Special provisions (ADR) : 274, 601, 640D

Transport category (ADR) : 2

Tunnel restriction code (ADR) : D/E

Limited quantities (ADR) : 1I

Excepted quantities (ADR) : E2

EAC code : •3YE

14.6.2. Transport by sea

EmS-No. (1) : F-E, S-E

14.6.3. Air transport

Instruction "cargo" (ICAO) : 364

Instruction "passenger" (ICAO) : 353

Instruction "passenger" - Limited quantities (ICAO) : Y341

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 93,4 %

15.1.2. National regulations

Water hazard class (WGK) : 2 - hazard to waters

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)

Acute toxicity (oral), Category 4

Restore Benzine Injectoren-Reiniger

Safety Data Sheet

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

| | |
|-------------------|--|
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Carc. 2 | Carcinogenicity, Category 2 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT RE 1 | Specific target organ toxicity — Repeated exposure, Category 1 |
| 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 |
| H225 | Highly flammable liquid and vapour |
| H226 | Flammable liquid and vapour |
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H335 | May cause respiratory irritation |
| H336 | May cause drowsiness or dizziness |
| H351 | Suspected of causing cancer |
| H372 | Causes damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| H411 | Toxic to aquatic life with long lasting effects |
| H412 | Harmful to aquatic life with long lasting effects |
| EUH066 | Repeated exposure may cause skin dryness or cracking |

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