

Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

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Version: 5.1

SDS No: 12789-0002

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

1.1. Product identifier

Product form : Mixture
Trade name : Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)
UFI : 4300-V0PS-N006-GU0F

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use
Use of the substance/mixture : Solution for retreads.

1.2.2. Uses advised against

Restrictions on use : All other uses are not recommended

1.3. Details of the supplier of the safety data sheet

Manufacturer

KRAIBURG Austria GmbH & Co. KG

Webersdorf 11

5132 Geretsberg - Austria

T +43/7748/7241 - 0 - F +43/7748/7241 - 11

welcome@kraiburg.at

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

1.4. Emergency telephone number

Emergency number : Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

| | |
|--|------|
| Flammable liquids, Category 2 | H225 |
| Skin corrosion/irritation, Category 2 | H315 |
| 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

Highly flammable liquid and vapour. May cause drowsiness or dizziness. Causes skin irritation. Toxic to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

GHS09

Signal word (CLP) :

Danger

Contains :

Hydrocarbons, C6, iso, < 5% normal hexane; Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
SDS No: 12789-0002

| | |
|--------------------------------|--|
| Hazard statements (CLP) | : H225 - Highly flammable liquid and vapour. H315 - Causes skin irritation. H336 - May cause drowsiness or dizziness. H411 - Toxic to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical, lighting, ventilating equipment. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P405 - Store locked up. |
| EUH-statements | : EUH208 - Contains N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylendiamine. May produce an allergic reaction. |

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] |
|---|--|----------------|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (Note P) | (CAS-No.) 64742-49-0 (EC-No.) 927-510-4 (REACH-no) 01-2119475515-33 | 50 - 54 | Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| Hydrocarbons, C6, iso, < 5% normal hexane (Note P) | (CAS-No.) 64742-49-0 (EC-No.) 931-254-9 (EC Index-No.) 649-328-00-1 (REACH-no) 01-2119484651-34 | 33 - 36 | Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| Natural Rubber substance with national workplace exposure limit(s) (IE) | (CAS-No.) 9006-04-6 (EC-No.) 232-689-0 | ≥ 5 – < 10 | Not classified |
| Carbon black substance with national workplace exposure limit(s) (IE) | (CAS-No.) 1333-86-4 (EC-No.) 215-609-9 (REACH-no) 01-2119384822-32 | ≥ 1 – < 5 | Not classified |
| Zinc oxide substance with national workplace exposure limit(s) (IE) | (CAS-No.) 1314-13-2 (EC-No.) 215-222-5 (EC Index-No.) 030-013-00-7 (REACH-no) 01-2119463881-32 | ≤ 0,45 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylendiamine | (CAS-No.) 793-24-8 (EC-No.) 212-344-0 (REACH-no) 01-2119485839-15 | ≥ 0.01 – < 0.3 | Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Repr. 1B, H360FD Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10) |

Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
SDS No: 12789-0002

| | | | |
|--|--|-------|--|
| N-tert-butylbenzothiazole-2-sulphenamide | (CAS-No.) 95-31-8 (EC-No.) 202-409-1 (REACH-no) 01-2119492625-29 | ≤ 0,2 | Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 |
|--|--|-------|--|

Note P : The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262- P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : Call a poison center or a doctor if you feel unwell. Take off immediately all contaminated clothing. Move the affected person away from the contaminated area. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. In case of loss of conscience place the victim in the recovery position. |
| First-aid measures after skin contact | : Wash off immediately with soap and plenty of water. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention. Rinse skin with water/shower. |
| First-aid measures after eye contact | : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor. |
| First-aid measures after ingestion | : Do not induce vomiting. Call a physician immediately. |

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

| | |
|-------------------------------------|--------------------------------------|
| Symptoms/effects | : May cause drowsiness or dizziness. |
| Symptoms/effects after skin contact | : Irritation. |

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 | : Highly flammable liquid and vapour. |
| Explosion hazard | : May form flammable/explosive vapour-air mixture. |
| Hazardous decomposition products in case of fire | : Carbon monoxide. Carbon dioxide. Nitrogen oxides. Sulphur oxides. |

5.3. Advice for firefighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Cool containers at risk with water spray jet. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|---|
| General measures | : Spills of this product present a serious slipping hazard. |
|------------------|---|

Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
SDS No: 12789-0002

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. 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. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.
Hygiene measures : Wash contaminated clothing before reuse. 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

Technical measures : Ground/bond container and receiving equipment.
Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Keep only in original container.
Incompatible materials : oxidizing materials.
Information on mixed storage : Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| Natural Rubber (9006-04-6) | |
|--|---|
| Ireland - Occupational Exposure Limits | |
| Local name | Natural Rubber Latex (as inhalable allergenic proteins) |
| OEL TWA [1] | 0.0001 mg/m ³ |
| Regulatory reference | Chemical Agents Code of Practice 2020 |

Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
SDS No: 12789-0002

Zinc oxide (1314-13-2)

Ireland - Occupational Exposure Limits

| | |
|----------------------|---|
| Local name | Zinc oxide, fume |
| OEL TWA [1] | 2 mg/m ³ R (Respirable Fraction) |
| OEL STEL | 10 mg/m ³ |
| Regulatory reference | Chemical Agents Code of Practice 2020 |

Carbon black (1333-86-4)

Ireland - Occupational Exposure Limits

| | |
|----------------------|--|
| Local name | Carbon black |
| OEL TWA [1] | 3 mg/m ³ I (Inhalable Fraction) |
| Regulatory reference | Chemical Agents Code of Practice 2020 |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Protective goggles (EN 166)

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Follow the recommendations of the glove manufacturer for breakthrough properties especially for workplace conditions involving mechanical stress and contact duration. This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions. 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

| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
|--|----------------|-------------------|----------------|-------------|------------|
| Chemically resistant protective gloves | Nitrile rubber | 6 (> 480 minutes) | 0,4 | | EN ISO 374 |

8.2.2.3. Respiratory protection

Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
SDS No: 12789-0002

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

| Device | Filter type | Condition | Standard |
|---------------------------------|-------------|---------------------|----------|
| Breathing apparatus with filter | Type A | Short term exposure | |

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke in areas where product is used. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Physical state | : Liquid |
| Colour | : Black. |
| Odour | : Petrol. |
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : < -20 °C (ASTM D 97) |
| Freezing point | : No data available |
| Boiling point | : 63 – 100 °C (ASTM D 1078) |
| Flash point | : < -20 °C (ASTM D 56) |
| Auto-ignition temperature | : Not self-igniting |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapour pressure | : 17.2 kPa (20°C) |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Density | : 0.72 – 0.78 g/ml (15°C, ASTM D 4052) |
| Solubility | : Water: < 0.1 % |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : 28.83 mPa·s (DIN 51562) |
| Explosive properties | : Product is not explosive. May form flammable/explosive vapour-air mixture. |
| Oxidising properties | : No data available |
| Lower explosive limit (LEL) | : 1 vol % |
| Upper explosive limit (UEL) | : 7.4 vol % |

9.2. Other information

| | |
|----------------------------------|-----------------------|
| Ignition temperature | : > 280°C (DIN 51794) |
| Solvent content, Organic solvent | : 75-90% |

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapour.

Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
SDS No: 12789-0002

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Vapours may form explosive mixture with air.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Oxidizing agent.

10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon oxides (CO, CO₂). Nitrous fumes. Sulphur oxides.

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

Zinc oxide (1314-13-2)

| | |
|-----------------------|---|
| LD50 oral rat | > 5000 mg/kg (OECD 401 method) |
| LD50 dermal rat | > 2000 mg/kg bodyweight (OECD 402 method) |
| LC50 Inhalation - Rat | > 5.7 mg/l/4h |

Skin corrosion/irritation : Causes skin irritation.
Additional information : Repeated or prolonged skin contact may cause dermatitis and defatting
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

Hydrocarbons, C6, iso, < 5% normal hexane (64742-49-0)

STOT-single exposure : May cause drowsiness or dizziness.

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (64742-49-0)

STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
SDS No: 12789-0002

SECTION 12: Ecological information

12.1. Toxicity

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

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. Must not be disposed together with household garbage.
Product/Packaging disposal recommendations : Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product.
Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|--|--|---|---|---|
| 14.1. UN number | | | | |
| UN 1287 | UN 1287 | UN 1287 | UN 1287 | UN 1287 |
| 14.2. UN proper shipping name | | | | |
| RUBBER SOLUTION | RUBBER SOLUTION | Rubber solution | RUBBER SOLUTION | RUBBER SOLUTION |
| Transport document description | | | | |
| UN 1287 RUBBER SOLUTION, 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS | UN 1287 RUBBER SOLUTION, 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 1287 Rubber solution, 3, II, ENVIRONMENTALLY HAZARDOUS | UN 1287 RUBBER SOLUTION, 3, II, ENVIRONMENTALLY HAZARDOUS | UN 1287 RUBBER SOLUTION, 3, II, ENVIRONMENTALLY HAZARDOUS |
| 14.3. Transport hazard class(es) | | | | |
| 3 | 3 | 3 | 3 | 3 |

Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
SDS No: 12789-0002



14.4. Packing group

| | | | | |
|----|----|----|----|----|
| II | II | II | II | II |
|----|----|----|----|----|

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 (ADR) : F1
Special provisions (ADR) : 640D
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E2
Packing instructions (ADR) : P001, IBC02, R001
Mixed packing provisions (ADR) : MP19
Transport category (ADR) : 2
Hazard identification number (Kemler No.) : 33
Orange plates :



Tunnel restriction code (ADR) : D/E

Transport by sea

Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E2
Packing instructions (IMDG) : P001
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-D
Properties and observations (IMDG) : Miscibility with water depends upon the composition.

Air transport

PCA Excepted quantities (IATA) : E2
PCA Limited quantities (IATA) : Y341
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 353
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 364
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3
ERG code (IATA) : 3L

Inland waterway transport

Classification code (ADN) : F1
Special provisions (ADN) : 640D
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E2
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 1

Rail transport

Classification code (RID) : F1
Special provisions (RID) : 640D
Limited quantities (RID) : 5L

Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
SDS No: 12789-0002

| | |
|------------------------------------|---------------------|
| Excepted quantities (RID) | : E2 |
| Packing instructions (RID) | : P001, IBC02, R001 |
| Transport category (RID) | : 2 |
| Hazard identification number (RID) | : 33 |

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

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

Directive 2012/18/EU (SEVESO III)

| Seveso III Part I (Categories of dangerous substances) | Qualifying quantity (tonnes) | |
|--|------------------------------|------------|
| | Lower-tier | Upper-tier |
| P5c FLAMMABLE LIQUIDS Flammable liquids, Categories 2 or 3 not covered by P5a and P5b | 5000 | 50000 |
| E2 Hazardous to the Aquatic Environment in Category Chronic 2 | 200 | 500 |

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 |
|---------|--------------|--------|----------|
| 1.1 | UFI | Added | |

Abbreviations and acronyms:

| | |
|-------|---|
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| DOT | Department of Transport |
| TDG | Transportation of Dangerous Goods |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |

Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

SDS No: 12789-0002

| | |
|--------------|---|
| GHS | Globally Harmonized System of Classification, Labelling and Packaging of Chemicals |
| IARC | International Agency for Research on Cancer |
| vPvB | Very Persistent and Very Bioaccumulative |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| CAS | CAS (Chemical Abstracts Service) number |
| IBC-Code | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| ATE | Acute Toxicity Estimate |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| BCF | Bioconcentration factor |
| MARPOL 73/78 | MARPOL 73/78: International Convention for the Prevention of Pollution From Ships |
| ADG | Transport of Australian Dangerous Goods |

Other information : Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

| Full text of H- and EUH-statements: | |
|-------------------------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| 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 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Repr. 1B | Reproductive toxicity, Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| Skin Sens. 1B | Skin sensitisation, category 1B |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H225 | Highly flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H336 | May cause drowsiness or dizziness. |
| H360FD | May damage fertility. May damage the unborn child. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Gummilösung 10%, 12%, 17%, Lösung (für die Reifenrunderneuerung)



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
SDS No: 12789-0002

| | |
|--------|---|
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH208 | Contains N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenyldiamine. May produce an allergic reaction. |

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

| | | |
|-------------------|------|-----------------------|
| Flam. Liq. 2 | H225 | On basis of test data |
| Skin Irrit. 2 | H315 | Calculation method |
| STOT SE 3 | H336 | Calculation method |
| Aquatic Chronic 2 | H411 | Calculation method |

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.