VORONEZHSYNTHHEZKAUCHUK JSC

SAFETY DATA SHEET

BUTADIENE RUBBER (BR)
GRADE BR -1203 Ti
(polybutadiene, solution)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

1.1. Product identifier
Name of Substance: Cis-(poly)butadiene
Name of IUPAC: buta-1,3-diene polymer
Synonyms: Butadiene Rubber
cis-1,4-(poly)butadiene;
Polybutadiene (cis);
1,3-Butadiene, homopolymer
Product grades: BR-1203 Ti
Registration #: for 1,3-butadiene (CAS #106-99-0; EC #203-450-8) 01-2119471988-16-0034
Index No(CLPI):601-013-00-X

1.2. Relevant identified uses of the substance
1.2.1. Identified use(s): tyre production, technical rubber parts (profiles, hoses, shoe soles, belt production, technical rubber goods), rubber compound.
1.2.2. Uses advised against: Uses other than those given in section 1.2.1 are not recommended unless an assessment is completed, prior to commencement of that use, which demonstrates that the use will be controlled.

DISCLAIMER
This product is a polymer and is not classified as dangerous under criteria of Directives No 67/458/EEC, No 1999/45/EC and Regulation (EC) No 1272/2008 (Regulation CLP). This polymer does not contain substances classified as dangerous under Article 59.2 Regulation (EC) No 1272/2008, namely:
- in an individual concentration of ≥ 1 % by weight for non-gaseous mixtures posing human health or environmental; or
- in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures that is carcinogenic category 2 or toxic to reproduction category 1A, 1B and 2, skin sensitizer category 1, respiratory sensitizer category 1, or has effects on or via lactation or is persistent, bioaccumulative and toxic (PBT) in accordance with the criteria set out in Annex XIII or very persistent and very bioaccumulative (vPvB) in accordance with the criteria set out in Annex XIII; or
- a substance for which there are Community workplace exposure limits.
In accordance with mentioned above, this product does not require and official e-SDS as per Regulations (EC) No 1907/2006 (articles 31.1; 31.2) and Commission Regulation (EU) No 453/2010.
This e-SDS is developed in good faith to provide a customer with sufficient information allowing to take necessary measures to comply with relevant HSE requirements.
1.3. Details of the supplier of the safety data sheet

Only representative
Company name: Gazprom Marketing and Trading France
Address: 68 avenue des Champs-Elysées, 75008, Paris, France
Contact Telephone: +33 1 42 99 73 50
Fax: +33 1 42 99 73 99
Email Address: didier.lebout@gazprom-nt.com

Suppliers
Company name: Voronezhsynthezkauchuk JSC
Address: 2, Leninsky prospect, Voronezh, Russia, 394014
Phone: +7 473 220 68 88
Fax: +7 473 220 68 69
Email Address: VSK-office@vsksibur.ru
Emergency phone: +7 473 249 09 00, +7 473 220 76 30 (round the clock)

1.4. Emergency phone in the country of delivery: 112 (Please note that emergency numbers may vary depending upon the country of delivery though 112 remains valid as universal number)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)
Not classified as a hazardous substance.

2.2. Label elements
Labelling according to Regulation (EC) No 1272/2008 (CLP/GHS)
Not applicable.

2.3. Specific hazard
No significant health hazard in normal industrial use conditions.
Contact of melted/ heated product may cause thermal burns.
Processing vapours may form when product is heated at high temperatures. Processing vapours may content thermal decomposition products which can irritate eyes and respiratory tract. Combustible solid.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product is a synthetic rubber consisting of at least 99.0% polymerised 1.3-butadiene and antioxidant about 0.2 - 0.5% (CAS#119-47-1/EC#204-327-1). Cis-1,4content: 87 - 93%.
Formula: \(-\text{CH}_2-\text{CH}=\text{CH}-\text{CH}_2\)_n, where n = is the number of polybutadiene block fragments.

<table>
<thead>
<tr>
<th>Name</th>
<th>EC #</th>
<th>CAS #</th>
<th>Content, %</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cis-(poly)butadiene</td>
<td>none</td>
<td>9003-17-2</td>
<td>≥ 99.0</td>
<td>EC#1272/2008 (CLP)</td>
</tr>
</tbody>
</table>

The product does not contain impurities or additives that could affect product’s labelling and classification according to Regulation (EC) No 1272/2008 (CLP) in the concentration ranges specified.
SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

General information
Butadiene rubber at normal conditions is stable, non-volatile, causes non-exhaustive effects. Spontaneous penetration of butadiene rubber into human organism is impossible. Inhalation poisoning is unlikely. Contact with eyes may cause mechanical damage. Contact with skin has no effects. If eye/skin contact with hot product occurs, obtain immediate medical attention. Rubber thermo destruction is possible, if product was heated over 300 °C. Thermal decomposition products inhalation may irritate respiratory system, eye irritation.

Inhalation
No hazard in normal use of product. In case the molten substance vapours penetrate the respiratory airways, do the following:
Immediately move an exposed person to fresh air at once. Keep warm and at rest. If there is respiratory distress give oxygen. If respiration stops or shows signs of failing, apply artificial respiration. Get medical attention.

Ingestion
Wash out mouth with water and give plenty of water to drink, provided person is conscious. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs naturally, have the exposed person lean forward. Get medical aid.

Skin contact
There are no risks in normal industrial use conditions. If molten material comes in contact with the skin, do not apply ice but cool under ice water or running stream of water. DO NOT attempt to remove the material from skin. Removal could result in severe tissue damage. Seek medical attention immediately.

Eye contact
Rinse immediately eye with plenty of low pressure water for at least 15 minutes. Remove any contact lenses. Consult a physician if required.

4.2. Most important symptoms and effects, both acute and delayed
Inhalation Symptoms: Thermal decomposition products inhalation may irritate respiratory system, eye irritation.
Skin Contact Symptoms: Contact with hot product may cause serious burns.
Eye Contact Symptoms: Eye contact may cause mechanical damage, irritation of eyes mucous. Contact with hot product may cause serious burns.
Ingestion/aspiration Symptoms: Ingestion/aspiration may cause irritation of digestive tract. May cause gastrointestinal blockage.

4.3. Notes for the doctor
If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media
Use foam, dry chemical, carbon dioxide, sand or water spray.
5.2. Fire fighting procedures
Keep away from sources of ignition, no smoking.
Extinguish fire keeping safe distance. Not yet ignited rubber briquettes to be kept cool by means of water spraying.

5.3. Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases
The substance is combustible. Combustion generates irritating and toxic fumes.
Burning causes emissions of carbon oxide.
Unusual fire & explosion hazards: None.

5.4. Special Protective Equipment for fire-fighters
Wear canvas protective suit, gloves, helmets, face shields, rubber or kersey boots, gas mask.
In proximity to fire wear full protective clothing and MSHA/NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Take precautionary measures against static discharges.
Ensure adequate ventilation.
For additional information, refer to Section 8, Exposure Controls and Personal Protection equipment.

6.2. Individual safety measures
Remove sources of ignition, provide workplace ventilation, air monitoring of the workplace, avoid contact with skin and eyes.

6.3. Environmental precautions
Do not allow penetration of the product into water reservoirs, surface and ground water, sewer ducts and soil.
Preventing disposal into water reservoirs of contaminated water without treatment.
Monitor content of hazardous substances in the air.
Provide sealing of process equipment.

6.4. Spill clean-up methods
When the product gets into water or ground collect the product in a separate container for recycling or disposal.

6.5. Reference to other sections
For additional information, refer to Section 8, Exposure Controls and Personal Protection equipment.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Handle in accordance with good industrial hygiene and safety practice.
Avoid all sources of ignition.
Avoid contact with eyes and skin. Do not swallow.
Do not ingest or inhale combustion or decomposition products.
Provide input-extract and local ventilation of work zones.
Regularly control work zone air.
Workers should be protected from the possibility of contact with molten product.

7.2. Storage precautions
Store in a dry, well-ventilated area, at temperature not exceeding 30°C.
Keep away from direct sunlight, atmospheric precipitation and incompatible substances in a closed container.

7.3. Specific end use(s)
Please check the identified uses given in Section 1.2 of this safety data sheet.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1. Occupational Exposure Limits
For butadiene rubber (CAS: 9003-17-2): not established

8.1.2. DNEL/ PNEC values for butadiene rubber
DN(M)ELs for workers have not been derived.
DN(M)ELs for the general population have not been derived.
DNEL and PNECs for freshwater, saltwater, sediment and soil have not been derived.

8.2. Exposure controls:

8.2.1. Technical safety measures
Provide adequate forced-air and exhaust ventilation in work zones.
Compulsory monitoring of air conditions in work areas.
Sealing and grounding of equipment and communications.
Usage of intrinsically safe equipment.

8.2.2. Personal protection equipment
Use of personal protective equipment must be consistent with good occupational hygiene practices.
Hygiene measures:
Personal hygiene and industrial sanitation in the production at the facility (wash hands at the end of each work shift and before eating, drinking, smoking or using the toilet).

Eye/Face protection
Wear goggles giving complete protection to eyes (BS EN 166).

Skin Protection (Hand and Body)
Wear approved protective gloves (Nitrile rubber. BS EN 374)
If contact with hot product is anticipated, gloves should be heat-resistant and thermally insulated.
Wear insulating gloves BS EN407 (heat).
Wear apron or other protective clothing and antistatic boots.

Respiratory Protection
Not required (if is used workplace conditions).
In emergency or in case of increase of hazardous substances concentration at the workplace wear positive pressure MSHA/NIOSH-approved self-contained breathing apparatus (BS EN 14387:2004).

8.2.3. Environmental Exposure Controls
None specific.
Do not allow penetration of the product into water reservoirs, surface and ground water, sewer ducts and soil.
Preventing disposal into water reservoirs of contaminated water without treatment.
Provide sealing of process equipment.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state (at 20 °C and 1013 hPa)</td>
<td>Elastic solid (rubber is produced in the form of briquettes)</td>
<td>visual method</td>
</tr>
<tr>
<td>Colour</td>
<td>From light to yellow</td>
<td>visual method</td>
</tr>
<tr>
<td>Odour</td>
<td>Peculiar, at processing temperatures slight odor of organic compounds is possible</td>
<td>sensory examination</td>
</tr>
<tr>
<td>pH (Value)</td>
<td>Not applicable, insoluble</td>
<td>-</td>
</tr>
<tr>
<td>Melting Point (°C)</td>
<td>Not available (above 300 °C is the destruction of rubber)</td>
<td>-</td>
</tr>
<tr>
<td>Glass transition temperature(°C)</td>
<td>&lt; - 100</td>
<td></td>
</tr>
<tr>
<td>Initial boiling point/boiling range (°C)</td>
<td>Not available</td>
<td>-</td>
</tr>
<tr>
<td>Ignition temperature (°C)</td>
<td>292</td>
<td>ISO 4589-84 (GOST 12.1.044)</td>
</tr>
<tr>
<td>Auto Ignition Temperature (°C)</td>
<td>332</td>
<td>ISO 4589-84 (GOST 12.1.044)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
<td>-</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Does not ignite spontaneously, burn only upon entering into a source of fire</td>
<td></td>
</tr>
<tr>
<td>Upper/lower flammability or Explosive limit ranges</td>
<td>Not available</td>
<td>-</td>
</tr>
<tr>
<td>Vapour Pressure (hPa)</td>
<td>Not available (does not evaporate)</td>
<td>-</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>Not available (does not evaporate)</td>
<td>-</td>
</tr>
<tr>
<td>Density (g/cm³)</td>
<td>0.90 - 0.97</td>
<td>ASTM D 792</td>
</tr>
<tr>
<td>Solubility (Water)</td>
<td>Insoluble</td>
<td></td>
</tr>
<tr>
<td>Solubility (Other)</td>
<td>soluble in aromatic and aliphatic solvents (benzene, toluene, heptane, hexane, benzine) under normal conditions</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient n-Octanol/Water</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>≥ 300</td>
<td>-</td>
</tr>
<tr>
<td>Viscosity according to Mooney (MML 1+4) conv.units (at 100°C)</td>
<td>35 - 60</td>
<td>ASTM D 1646 (GOST R 54552)</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Non explosive</td>
<td>-</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Not available</td>
<td>-</td>
</tr>
<tr>
<td>Granulometry</td>
<td>Not applicable, substance is not marketed or used in granular form</td>
<td>-</td>
</tr>
</tbody>
</table>

**Other information**
SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Stable under all ordinary circumstances at ambient temperatures. May undergo oxidation, hydrogenate.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
None specific.

10.4. Conditions to avoid
Avoid naked flame, prolonged heat, contact with incompatible substances. Keep away from heat and sources of ignition.

10.5. Materials to avoid
Acids, alkalis, organic solvents, aliphatic and aromatic hydrocarbons, oxidising agents.

10.6. Hazardous decomposition products
None under normal conditions at ambient temperatures. Combustion products: Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

General information
No significant health hazard in normal industrial use conditions.

<table>
<thead>
<tr>
<th>Property</th>
<th>Results</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Routes of Exposure</strong></td>
<td>At ambient temperature the product is a non-volatile elastic solid.</td>
<td>There is no potential for inhalation exposure.</td>
</tr>
<tr>
<td><strong>Acute toxicity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>LD50: &gt;20 000 mg/kg bw (rat) (for Cis-1,3-polybutadiene)</td>
<td>FBEPH. BT#001360, 1998</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td><strong>Irritation/Corrosivity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin irritation/corrosion</td>
<td>Not classified. Skin contact with melted/heated product may cause serious thermal burns.</td>
<td></td>
</tr>
<tr>
<td>Eye irritation</td>
<td>Not classified. Contact with eyes may cause mechanical damage. Eye contact with melted/heated product may cause serious thermal burns.</td>
<td></td>
</tr>
<tr>
<td>Property</td>
<td>Results</td>
<td>Remarks</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>Thermal decomposition products may cause irritation of eye.</td>
<td></td>
</tr>
<tr>
<td>Respiratory tract</td>
<td>Not classified. Thermal decomposition products inhalation may cause irritation of respiratory system.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sensitization</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td>Respiratory system</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Repeated dose toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chronic oral toxicity</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td>Chronic inhalation toxicity:</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td>Chronic dermal toxicity</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>In vitro data</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td>In vivo data</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toxicity for reproduction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Effects on fertility</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td>Developmental toxicity</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td>STOT - single exposure</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td>STOT - repeated exposure</td>
<td>Not classified. No data available</td>
<td></td>
</tr>
<tr>
<td>Other effects</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

**SECTION 12: ECOLOGICAL INFORMATION**

**General information**
At normal conditions rubber is a very stable product. Product does not form toxic compounds with other substances in air and water. The product is poorly biodegradable but does not pose a hazard to the environment. Pollution of water ponds and soil with rubber flakes may occur only if production, handling and transportation rules are not followed, in case of effluent discharge without treatment, as a result of emergencies and accidents.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic toxicity</td>
<td>Not expected to be acutely toxic, but material may mechanically cause adverse effects if ingested by waterfowl or aquatic life.</td>
<td></td>
</tr>
</tbody>
</table>
| Fish                          | LC50 (96 h): >100 mg/L 
*Salmo iridus* 
(for Cis-1,3-polybutadiene) | FBEPH. BT#001360, 1998                             |
**Aquatic invertebrates**
| Short-term toxicity *(Daphnia Magna)* | LC100 (48 h): >100 mg/L (for Cis-1,3-polybutadiene) | FBEPH. BT#001360, 1998 |

**Algae and aquatic plants**
| LC50 (48 h): >100 mg/L *Scenedesmus quadricauda* (for Cis-1,3-polybutadiene) |

**Sediment organisms**
| Not classified. No data available |

**Toxicity to soil macro-organisms/micro-organisms**
| Not classified. No data available |

**Toxicity to terrestrial plants**
| Not classified. No data available |

**Persistence and degradability**
No specific ecological data are available for this product. This water-insoluble rubber is expected to be inert in the environment. No appreciable biodegradation is expected.

**Environmental distribution**
No specific ecological data are available for this product.

**Bioaccumulation**
Effects on nature due to bioaccumulation are not known.

**Results of PBT and vPvB assessment**
Not classified as PBT or vPvB.

**Other adverse effects**
No information available.

Water hazard classification:
According to the German VwVwS: WGK- 0 (not classified).

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods
Disposal should be in accordance with local, state and national legislation. Waste water has to be treated. Packaging waste (paper bags) shall be collected and sent for recycling. Plastic waste shall be removed to disposal.

#### 13.2. Additional Information

### SECTION 14: TRANSPORT INFORMATION

#### General
The product is not covered by international regulations on the transport of dangerous goods. UN: none.

### SECTION 15: REGULATORY INFORMATION

#### 15.1. EU regulations
Authorisations: Not applicable. Restrictions on use: None.
15.2. National regulations
Unknown.

15.3. Chemical Safety Assessment
Chemical Safety Assessment (CSA) is not required for the substance since it is not subject to registration as a polymer according to the provisions of Article 2(9) of REACH.

Chemical Safety Report has been performed for monomer 1,3-butadiene (CAS #106-99-0; EC #203-450-8).

SECTION 16: OTHER INFORMATION
16.1. Indication of changes

<table>
<thead>
<tr>
<th>VERSION</th>
<th>Date of change</th>
<th>Section</th>
<th>Description of changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version: 1.0</td>
<td>16/03/2010</td>
<td></td>
<td>First edition created according to recommendations of Regulations (EC) #1907/2006 (Article 31.1).</td>
</tr>
<tr>
<td>Version: 2.0</td>
<td>07/02/2011</td>
<td>1.1, 2</td>
<td>Section 1.1, 2 was updated.</td>
</tr>
<tr>
<td>Version: 2.1</td>
<td>26/12/2011</td>
<td>1.1; 3; 4; 9; 10; 11; 12; 15; 16</td>
<td>1 Product name BR SKD-2 was renamed into BR -1203 Ti. 2. Section 1.1 was updated. 3. DISCLAIMER was added on the first page. 4. “General information” subsection was added in Section 4. 5 “General” subsection was added in Section 11. 6. “Aquatic toxicity” subsection was added in Section 12. 7. Sections 3, 9, 10; 15, 16 were completely updated.</td>
</tr>
<tr>
<td>Version: 2.2</td>
<td>01/11/2013</td>
<td>Content</td>
<td>Section 3: Information about substance composition was corrected (antioxidant CAS #110553-27-0/EC#402-860-6 was added). Formula was corrected. 2. Sections 2; 4; 5; 6; 7; 9; 10; 11; 12 were completely reconfigured. 3. Sections 8; 13; 15; 16 were completely updated.</td>
</tr>
<tr>
<td>Version: 2.3</td>
<td>18/07/2016</td>
<td>1.3; 2; 3</td>
<td>Section 1.3: Supplier’s contact details were updated. Section 2: Only information regarding classification and labelling according CLP is given. Section 3: Information on mixture composition was updated (antioxidant CAS #110553-27-0/EC#402-860-6 was removed)</td>
</tr>
<tr>
<td>Version: 2.4</td>
<td>13/02/2016</td>
<td>3; 9</td>
<td>Section 3: Information on mixture composition was updated (antioxidant CAS#128-37-0 / EC#204-881-4 was removed). Section 9: Glass transition temperature parameter was corrected.</td>
</tr>
</tbody>
</table>

16.2. Abbreviations and acronyms

DNEL Derived No Effect Level
LD50 Lethal Dose to 50% of a test population (Median Lethal Dose)
LC50 Lethal Concentration to 50 % of a test population
PEC Predicted No Effect Concentration
PNEC Predicted No Effect Concentration
PBT Persistent, bioaccumulative, toxic chemical
vPvB Very Persistent, Very Bioaccumulative
WGK Wassergefährdungsklasse (German: Water Hazard Class)

16.3. Key literature references and sources

EU DIRECTIVES


NATIONAL REGULATIONS (GERMANY)

Major Accident Hazard Legislation 82/501/EWG.

NATIONAL REGULATIONS (GERMANY)

Major Accident Hazard Legislation 82/501/EWG.


DISCLAIMER
This information is based on our current level of knowledge. This information may be subject to revision as new knowledge and experience becomes available, and SIBUR makes no warranties and assumes no liability in connection with any use of this information. Since SIBUR cannot be aware of all aspects of your business and the impact the REACH Regulation has for your company, SIBUR strongly encourages you to get familiar with the REACH Regulation in order to comply with its requirements and timelines.

END OF SDS