1. IDENTIFICATION

Product Identifier
Product Name  Autoguard Universal Full Strength Extended Life Antifreeze

Other means of identification
SDS #  AG-006

Recommended use of the chemical and restrictions on use
Recommended Use  Automotive Engine Antifreeze & Coolant

Details of the supplier of the safety data sheet

Emergency Telephone Number
Company Phone Number  1-800-428-9284
Emergency Telephone (24 hr)  CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS-US Classification

Acute Tox. 4 (Oral)  H302
Repr. 2  H361
STOT RE 2  H373

Full text of H-phrases: see Section 16

GHS-US Labeling
Hazard pictograms (GHS-US)

Signal word (GHS-US):  Warning
H302 – Harmful if swallowed
H361 – Suspected of damaging fertility or the unborn child.
H373 – May cause damage to organs (kidneys) through prolonged or repeated exposure (oral)

Hazard statements (GHS-US):
P201 – Obtain special instructions before use
P202 – Do not handle until all safety precautions have been read and understood
P260 – Do not breathe mist, spray, vapors
P264 – Wash affected areas thoroughly after handling
P270 – Do not eat, drink or smoke when using this product
P280 – Wear personal protective equipment as required
P301+P310 – If swallowed: immediately call doctor/physician or poison center
P301+P330+P331 – If swallowed: rinse mouth. DO NOT induce vomiting
P304+P340 – If inhaled: remove person to fresh air and keep comfortable for breathing
P308+P313 – If exposed or concerned: get medical advice/attention
P405 – Store locked up
P501 – Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/regional/national/international regulations

Other hazards: No additional information available
Unknown acute toxicity (GHS-US): No data available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Name</th>
<th>Product Identifier</th>
<th>% by wt</th>
<th>GHS-US Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol</td>
<td>(CAS No.) 107-21-1</td>
<td>90 - 97</td>
<td>Acute Tox. 4 (Oral), H302</td>
<td></td>
</tr>
<tr>
<td>Diethylene glycol</td>
<td>(CAS No.) 111-46-6</td>
<td>&lt;5</td>
<td>Acute Tox. 4 (Oral), H302 STOT RE 2, H373</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>(CAS No.) 7732-18-5</td>
<td>&lt;4</td>
<td>Not classified</td>
<td></td>
</tr>
<tr>
<td>Potassium 2-ethylhexanoate</td>
<td>(CAS No.) 3164-85-0</td>
<td>&lt; 3</td>
<td>Repr. 2, H361</td>
<td></td>
</tr>
<tr>
<td>Denatonium benzoate</td>
<td>(CAS No.) 3734-33-6</td>
<td>30 – 50 ppm</td>
<td>Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315, Eye Irrit. 2A, H319 STOT SE 3, H335</td>
<td></td>
</tr>
</tbody>
</table>

### 4. FIRST-AID MEASURES

**Description of first aid measures**

**First-aid measures general:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible)

**First-aid measures after inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek immediate medical advice. Allow the victim to rest. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**First-aid measures after skin contact:** Remove contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: rinse immediately with plenty of water (for at least 15 minutes). Get medical advice/attention. Specific treatment (see supplemental first aid instructions on this label).

**First-aid measures after eye contact:** Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately with plenty of water for 15 minutes, lifting lower and upper lids. If eye irritation persists: rinse immediately with plenty of water. Get medical attention.

**First-aid measures after ingestion:** Obtain emergency medical attention. Rinse mouth. If the person is fully conscious, make him/her drink two glasses of water. Never give an unconscious person anything to drink. DO NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell. If medical advice is delayed, and if the person has swallowed a moderate volume of material (a few ounces), then give three to four ounces of hard liquor, such as whiskey. For children, give proportionally less liquor, according to weight.

**Most important symptoms and effects**
Symptoms/injuries: Causes damage to organs (kidneys)(oral).
Symptoms/injuries after skin contact: Causes skin irritation.
Symptoms/injuries after eye contact: Causes serious eye damage.
Symptoms/injuries after ingestion: The lethal dose in humans is estimated to be 100 mL (3 oz.). Swallowing a small quantity of this material will result in serious health hazard.

Indication of any immediate medical attention and special treatment needed

A more effective intravenous antidote for physician uses is 4-methylpyrazole, a potent inhibitor of alcohol dehydrogenases, which effectively blocks the formation of toxic metabolites of ethylene glycol. It has been used to decrease the metabolic consequences of ethylene glycol poisoning before metabolic acidosis coma, seizures, and renal failure have occurred.

5. FIRE-FIGHTING MEASURES

Extinguishing Media


Unsuitable Extinguishing Media: Do not use a heavy water stream. May spread fire.

Special hazards arising from the substance or mixture

Fire Hazard: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.

Reactivity: No dangerous reactions known under normal conditions of use.

Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Special protective equipment for fire fighters: Wear positive pressure self-contained breathing apparatus (SCBA). Protective fire fighting clothing (includes fire-fighting helmet, coat, pants, boots and gloves).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

For emergency responders

Protective equipment: Equip cleanup crew with proper protection. Refer to Section 8.2.

Emergency procedures: Ventilate area.

Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and material for containment and cleaning up
Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Reference to other sections
See Section 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash affected areas thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep only in the original container in a cool, well ventilated place away from: Heat sources. Keep container closed when not in use. Product may become solid at temperatures below -18°C (0°F). Do not store near food, foodstuffs, drugs or potable water supplies. Do not cut, drill, weld, use a blowtorch on, etc. containers even when empty.

Incompatible products: Keep away from strong acids, strong bases and oxidizing agents.

Incompatible materials: Sources of ignition.

Specific end use(s)
No additional information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

<table>
<thead>
<tr>
<th>Ethylene glycol (107-21-1)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
<td>ACGIH Ceiling (mg/m³)</td>
<td>100.00 mg/m³</td>
</tr>
<tr>
<td>USA ACGIH</td>
<td>Remark (ACGIH)</td>
<td>Upper respiratory Tract (URT) &amp; Eye Irritant</td>
</tr>
</tbody>
</table>

Exposure controls

Personal protective equipment: Avoid all unnecessary exposure. Gloves. Safety glasses.

Individual protection measures, such as personal protective equipment

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Respiratory protection: If exposed to levels above exposure limits, wear appropriate respiratory protection.
Other information: Do not eat, drink or smoke during use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Slightly yellow to green</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH 50% water solution</td>
<td>8</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>Nil</td>
</tr>
<tr>
<td>Freezing point</td>
<td>-18°C (0°F)</td>
</tr>
<tr>
<td>Boiling point</td>
<td>158°C (317°F)</td>
</tr>
<tr>
<td>Flash point</td>
<td>116°C (241°F) [100% Ethylene Glycol] ASTM D56</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>400°C (752°F) [100% Ethylene Glycol] Literature</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>&lt;0.1 mm Hg @ 20°C</td>
</tr>
<tr>
<td>Relative vapor density at 20°C</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.12</td>
</tr>
<tr>
<td>Density</td>
<td>1.12 kg/l (9.3 lbs/gal)</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water, Complete</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>3.2 – 15.3 vol %</td>
</tr>
</tbody>
</table>

**Other information**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC content</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Reactivity**

No dangerous reactions known under normal conditions of use.

**Chemical Stability**

Stable.

**Possibility of Hazardous Reactions**

Hazardous polymerization will not occur.

**Conditions to Avoid**

Keep away from any flames or sparking source. Extremely high or low temperatures.

**Incompatible Materials**

Keep away from strong acids, strong bases and oxidizing agents.

**Hazardous Decomposition Products**

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

Oral: Harmful if swallowed.

<table>
<thead>
<tr>
<th>Chemical</th>
<th>LD50 ecstasy (oral)</th>
<th>ATE US (oral)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol (107-21-1)</td>
<td>&gt;5,000 mg/kg (Rat)</td>
<td>500 mg/kg bodyweight</td>
</tr>
<tr>
<td>Diethylene glycol (111-46-6)</td>
<td>12,565 mg/kg (Rat)</td>
<td>500 mg/kg bodyweight</td>
</tr>
<tr>
<td>Denatonium benzoate (3734-33-6)</td>
<td>584 mg/kg (Rat)</td>
<td>584 mg/kg bodyweight</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Suspected of damaging fertility or the unborn child.

Specific target organ toxicity (single version): Not classified

Specific target organ toxicity (repeated exposure): May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

Aspiration hazard: Not classified

Potential adverse human health effects and symptoms:

Based on available data, the classification criteria are not met. Harmful if swallowed.

Symptoms/injuries after skin contact: Causes skin irritation.

Symptoms/injuries after eye contact: Causes serious eye damage.

Symptoms/injuries after ingestion: The lethal dose in humans is estimated to be 100 mL (3 oz.). Swallowing a small quantity of this material will result in serious health hazard.

12. ECOLOGICAL INFORMATION

Toxicity:
**Ethylene glycol (107-21-1)**

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>53,000 mg/l (96 h; Pimephales promelas; Static system)</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>&gt;10,000 mg/l (24 h; Daphnia magna)</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>&gt;40,761 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Static System)</td>
</tr>
<tr>
<td>Threshold limit algae 1</td>
<td>&gt;10,000 mg/l (168 h; Scenedesmus quadricauda)</td>
</tr>
<tr>
<td>Threshold limit algae 2</td>
<td>&gt;2,000 mg/l (192 h; Microcystis aeruginosa)</td>
</tr>
</tbody>
</table>

**Diethylene glycol (111-46-6)**

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>&gt;5,000 ppm (24 h; Carassius auratus)</td>
</tr>
<tr>
<td>LC50 other aquatic organisms 1</td>
<td>1,174 mg/l (Xenopus laevis levels)</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>&gt;10,000 mg/l (24 h; Daphnia magna)</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>61,072 ppm (168 h; Poecilia reticulata)</td>
</tr>
<tr>
<td>TLM fish 1</td>
<td>&gt;32,000 mg/l (96 h; Gambusia affinis)</td>
</tr>
<tr>
<td>TLM other aquatic organisms 1</td>
<td>&gt;1,000 ppm (96 h)</td>
</tr>
<tr>
<td>Threshold limit other aquatic organisms 1</td>
<td>1,174 mg/l (72 h; Xenopus laevis; Toxicity test)</td>
</tr>
<tr>
<td>Threshold limit other aquatic organisms 2</td>
<td>10,745 mg/l (16 h; Protozoa; Toxicity test)</td>
</tr>
<tr>
<td>Threshold limit algae 1</td>
<td>2,700 mg/l (168 h; Scenedesmus quadricauda)</td>
</tr>
<tr>
<td>Threshold limit algae 2</td>
<td>100 mg/l (Selenastrum capricornutum)</td>
</tr>
</tbody>
</table>

**Persistence and degradability:**

**Ethylene glycol (107-21-1)**

- Readily biodegradable in water.
- Biodegradable in the soil.
- Not established.

- Biochemical oxygen demand (BOD) 0.47 g O2/g substance
- Chemical oxygen demand (COD) 1.24 g O2/g substance
- ThOD 1.29 g O2/g substance
- BOD (% of ThOD) 0.36% ThOD

**Diethylene glycol (111-46-6)**

- Readily biodegradable in water.
- Biodegradable in the soil.
- Photolysis in the air.

- Biochemical oxygen demand (BOD) 0.02 g O2/g substance
- Chemical oxygen demand (COD) 1.51 g O2/g substance
- ThOD 1.51 g O2/g substance
- BOD (% of ThOD) 0.015% ThOD

**Denatonium benzoate (3734-33-6)**

- Persistence and degradability: Biodegradability in water: no data available. No (test) data on mobility of the substance.
- Log Pow 1.78 (Estimated value)
- Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

**Bioaccumulative potential:**

**Ethylene glycol (107-21-1)**

- BCF fish 1 10 (72 h; Leuciscus idus)
- BCF other aquatic organisms 1 0.21 – 0.6 (Procambarus sp.; Chronic)
- BCF other aquatic organisms 2 190 (24 h; Algae)
- Log Pow -1.34 (Experimental value)
- Bioaccumulative potential: Low potential for bioaccumulation (BCF < 500). Not established.

**Diethylene glycol (111-46-6)**

- Log Pow -1.98
- Bioaccumulative potential: Bioaccumulation: not applicable.

**Denatonium glycol (3734-33-6)**

- Log Pow 1.78 (Estimated value)
- Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

**Mobility in soil:**

**Ethylene glycol (107-21-1)**

- Surface tension 0.048 N/m (20°C / 68°F)

**Diethylene glycol (111-46-6)**

- Surface tension 0.485 N/m

**Other adverse effects:**
Effect on ozone layer: No known effect on the ozone layer.
Effect on global warming: No known ecological damage caused by this product.
Other information: Avoid release to the environment.

### 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

Waste disposal recommendations: Dispose of contents/container in a safe manner, to appropriate waste disposal facility, in accordance with local/regional/national/international regulations.

Ecology – waste materials: Avoid release to the environment.

### 14. TRANSPORT INFORMATION

In accordance with DOT
Transport document description: UN3082 Environmentally hazardous substances, liquid, n.o.s., 9, III

UN-No. (DOT): 3082

DOT NA no.: UN3082

Proper Shipping Name (DOT): Environmentally hazardous substances, liquid, n.o.s.

Department of Transportation (DOT) Hazard Classes:

- 9 – Class 9 – Miscellaneous hazardous material 49 CFR 173.140

Hazard labels (DOT): 9 – Class 9 – Miscellaneous dangerous materials

- DOT Symbols: G – Identifies PSN requiring a technical name

- Packing group (DOT): III – Minor Danger

- DOT Packaging Exceptions (49 CFR 173.xxx): 155

- DOT Packaging Exceptions (49 CFR 173.xxx): 203

- DOT Packaging Exceptions (49 CFR 173.xxx): 241

- DOT Quantity Limitations Passenger aircraft/trail (49 CFR 173.27) : No limit

- DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75): No limit

- DOT Vessel Stowage Location: A – The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel.

Other Information: Non Bulk: Not regulated by the US D.O.T (in quantities under 5,000 lbs. in any one inner package).
**ADR**  
No additional information available.

**Transport by sea**  
UN-No. (IMDG): Not regulated by IMDG (in quantities under 5,000 lbs. in any one inner package.

**Air transport**  
UN-No. (IATA): Not regulated by IATA (in quantities under 5,000 lbs. in any one inner package.

# 15. REGULATORY INFORMATION

## US Federal Regulations

<table>
<thead>
<tr>
<th>Autoguard Universal Full Strength Extended Life Antifreeze</th>
<th>Toxic Substance Control Act (TSCA): The international ingredients of this product are listed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol (107-21-1)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td></td>
<td>Listed on United States SARA Section 313</td>
</tr>
<tr>
<td>RQ (Reportable quantity, Section 304 of EPA’s List of Lists)</td>
<td>5000 lb(s)</td>
</tr>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
<td>Immediate (acute) health hazard</td>
</tr>
<tr>
<td></td>
<td>Delayed (chronic) health hazard</td>
</tr>
<tr>
<td></td>
<td>Ethylene glycol is subject to Tier I and/or Tier II annual inventory reporting,</td>
</tr>
<tr>
<td>SARA Section 313 – Emission Reporting</td>
<td>Ethylene glycol is subject to Form R Reporting requirements.</td>
</tr>
</tbody>
</table>

| Diethylene glycol (111-46-6)                             | Listed on the United States TSCA (Toxic Substances Control Act) inventory                 |

| Denatonium benzoate (3734-33-6)                          | Listed on the United States TSCA (Toxic Substances Control Act) inventory                 |

### International regulations:

**CANADA**

<table>
<thead>
<tr>
<th>Autoguard Universal Full Strength Extended Life Antifreeze</th>
<th>WHMIS Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Class D Division 2 Subdivision A – Very toxic material causing other toxic effects.</td>
</tr>
</tbody>
</table>

**WHMIS Classification**

![WHMIS Classification Icon]  
Class D Division 2  
Subdivision A – Very toxic material causing other toxic effects

**EU-Regulations**  
No additional information available

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

**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]**

Not classified

**National Regulations**
Autoguard Universal Full Strength Extended Life Antifreeze

DSL (Canada): The intentional ingredients of this product are listed.
ECL (South Korea): The intentional ingredients of this product are listed.
EINECS (Europe): The intentional ingredients of this product are listed.
ENCS (Japan): The intentional ingredients of this product are listed.

US State regulations

Ethylene glycol (107-21-1)
U.S. – Massachusetts – Right To Know List
U.S. – New Jersey – Right To Know Hazardous Substance List
U.S. – Pennsylvania – RTK (Right To Know) List

16. OTHER INFORMATION

Full text of H-phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Oral)</th>
<th>Acute toxicity (oral), Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation, Category 2A</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<tr>
<td>STOT RE 2</td>
<td>Specific target organ toxicity – Repeated exposure, Category 2</td>
</tr>
<tr>
<td>STOC SE 3</td>
<td>Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure</td>
</tr>
</tbody>
</table>

NFPA health hazard: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard: 1 – Must be preheated before ignition can occur/

NFPA reactivity 0 – Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating:

Health 2 Moderate Hazard – Temporary or minor injury may occur
Flammability 1 Slight Hazard
Physical 0 Minimal Hazard
Personal Protection B
Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet