

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 08/28/2014 Supersedes:12/10/2013

|   | Revision date: 08/28/2014                        | Supersedes:12/                                | 10/2013           | Version: 1.0                     |
|---|--|---|-------------------|----------------------------------|
| <b>SECTION 1: Identification of t</b>   | he substance/mixture and                         | of the company/u                              | ndertaking        |                                  |
| 1.1. Product identifier   |  |   |                   |                                  |
| Trade name  | : P46-32 PAG Refriger                            | ation Lubricant 46                            |                   |                                  |
| Product code  | : P46-32   |   |                   |                                  |
| 1.2. Relevant identified uses of  | the substance or mixture and us                  | es advised against                            |                   |                                  |
| Use of the substance/mixture  | : Polyalkylene Glycol b                          | ased lubricant for use in                     | air conditioning  | systems.                         |
| 1.3. Details of the supplier of th  | e safety data sheet                              |   |                   |                                  |
| Tire Seal, Inc.<br>3574 Corona Street<br>33461 Lake Worth, Florida - USA<br>T 561-582-2245 - F 561-582-1499<br>www.supercool.ac |  |   |                   |                                  |
| 1.4. Emergency telephone num  |  |   |                   |                                  |
| Emergency number  |  | 73-7542, INT'L: 1-484-9<br>MENTAL CONTRACT: D |                   |                                  |
| <b>SECTION 2: Hazards identific</b>   | ation  |   |                   |                                  |
| 2.1. Classification of the substa   | nce or mixture                                   |   |                   |                                  |
| Classification (GHS-US)   |  |   |                   |                                  |
| Not classified  |  |   |                   |                                  |
| 2.2. Label elements   |  |   |                   |                                  |
| GHS-US labeling   |  |   |                   |                                  |
| No labeling applicable  |  |   |                   |                                  |
| 2.3. Other hazards  |  |   |                   |                                  |
| No additional information available   |  |   |                   |                                  |
| 2.4. Unknown acute toxicity (GH   | IS-US)   |   |                   |                                  |
| No data available   |  |   |                   |                                  |
| SECTION 3: Composition/info   | ormation on ingredients                          |   |                   |                                  |
| 3.1. Substance  |  |   |                   |                                  |
| Not applicable  |  |   |                   |                                  |
| Full text of H-phrases: see section 16  |  |   |                   |                                  |
| 3.2. Mixture  |  |   |                   |                                  |
| Name  | Product ident                                    | ifier   | %                 | Classification (GHS-US)          |
| 2,6-di-tert-butyl-p-cresol  | (CAS No) 128-37-                                 | ·0  | 0.1 - 1           | Acute Tox. 4 (Oral), H302        |
| <b>SECTION 4: First aid measure</b>   | es   |   |                   |                                  |
| 4.1. Description of first aid mea   | sures  |   |                   |                                  |
| First-aid measures general  | : Never give anything b<br>advice (show the labe |   | ous person. If yo | ou feel unwell, seek medical     |
| First-aid measures after inhalation   | : Assure fresh air breat                         | hing. Allow the victim to                     | rest.             |                                  |
| First-aid measures after skin contact   | : Remove affected cloth<br>by warm water rinse.  | ning and wash all expose                      | ed skin area witl | h mild soap and water, followed  |
| First-aid measures after eye contact  | : Rinse immediately wit<br>persist.              | h plenty of water. Obtain                     | n medical attenti | ion if pain, blinking or redness |
| First-aid measures after ingestion  | : Rinse mouth. Do NOT                            | Finduce vomiting. Obtair                      | n emergency me    | edical attention.                |
| 4.2. Most important symptoms  | and effects, both acute and delay                | /ed   |                   |                                  |
| Symptoms/injuries   | : Not expected to prese                          | ent a significant hazard u                    | nder anticipated  | d conditions of normal use.      |
| 4.3. Indication of any immediate  | e medical attention and special tr               | eatment needed                                |                   |                                  |
| No additional information available   |  |   |                   |                                  |
| <b>SECTION 5: Firefighting meas</b>   | sures  |   |                   |                                  |
| 5.1. Extinguishing media  |  |   |                   |                                  |
| Suitable extinguishing media  | : Foam. Dry powder. C                            | arbon dioxide. Water spr                      | ay. Sand.         |                                  |
| Lincuitable extinguishing modia   | : Do not uso a boavy w                           | ator stroom                                   |                   |                                  |

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|---|---|--|--|
| 5.2. Special hazards arising                                | from the substance or mixture                         |  |  |
| No additional information available                         |   |  |  |
| 5.3. Advice for firefighters                                |   |  |  |
| Firefighting instructions                                   | : Use water spray or fog f chemical fire.             | for cooling exposed containers. Exercise caution when fighting any   |  |
| Protection during firefighting                              | : Do not enter fire area wi                           | ithout proper protective equipment, including respiratory protection.  |  |
| SECTION 6: Accidental rel                                   | ease measures   |  |  |
| 6.1. Personal precautions, p                                | protective equipment and emergency p                  | rocedures  |  |
| 6.1.1. For non-emergency per                                | sonnel  |  |  |
| Emergency procedures  | : Evacuate unnecessary p                              | personnel.   |  |
| 6.1.2. For emergency respond                                | loro  |  |  |
|   | : Equip cleanup crew with                             | a proper protection  |  |
| Protective equipment<br>Emergency procedures                | : Ventilate area.                                     |  |  |
|   |   |  |  |
| 5.2. Environmental precauti                                 |   | aware or public waters. Avoid release to the environment   |  |
|   |   | sewers or public waters. Avoid release to the environment.   |  |
|   | or containment and cleaning up                        |  |  |
| Methods for cleaning up                                     | : Soak up spills with inert spillage. Store away fror | solids, such as clay or diatomaceous earth as soon as possible. Colle<br>m other materials.  |  |
| 6.4. Reference to other sect                                | ions  |  |  |
| See Heading 8. Exposure controls                            | and personal protection.                              |  |  |
| SECTION 7: Handling and                                     | storage   |  |  |
| 7.1. Precautions for safe ha                                | ndling  |  |  |
| Precautions for safe handling                               |   | exposed areas with mild soap and water before eating, drinking or ing work. Provide good ventilation in process area to prevent formation                        |  |
| 7.2. Conditions for safe stor                               | rage, including any incompatibilities                 |  |  |
| Storage conditions : Keep container closed when not in use. |   |  |  |
| ncompatible products  |   |  |  |
| ncompatible materials                                       | : Sources of ignition. Dire                           | ct sunlight.   |  |
| 7.3. Specific end use(s)                                    |   |  |  |
| No additional information available                         |   |  |  |
| SECTION 8: Exposure con                                     | trols/personal protection                             |  |  |
| 3.1. Control parameters                                     |   |  |  |
| 2,6-di-tert-butyl-p-cresol (128-3)                          | 7-0)  |  |  |
|   | CGIH TWA (mg/m³)                                      | 2 mg/m <sup>3</sup>  |  |
| 3.2. Exposure controls                                      |   |  |  |
| Personal protective equipment                               | : Avoid all unnecessary e                             | xposure.   |  |
| Hand protection   |   | rvious to the specific material handled is advised to prevent skin ective material: Nitrile, 4.5 mil thickness, tested at 3.5 ml and above ne after 240 minutes. |  |
| Eye protection  | : Chemical goggles or saf                             |  |  |
| Respiratory protection                                      | purifying respirator equip                            | for airborne exposure above the exposure limit an approved air pped with Type P2 - Medium efficiency particle filters may be used.                               |  |
| Other information   | : Do not eat, drink or smo                            | oke during use.  |  |
| SECTION 9: Physical and                                     | chemical properties                                   |  |  |
| 0.1. Information on basic ph                                | ysical and chemical properties                        |  |  |
| Physical state  | : Liquid  |  |  |
| Appearance  | : Clear.  |  |  |
| Color   | : Colorless to Yellowish.                             |  |  |
| Ddor  | : Characteristic.                                     |  |  |
| Odor threshold  | : No data available                                   |  |  |
| ЪН  | : No data available                                   |  |  |
| Relative evaporation rate (butyl ace                        | etate=1) : No data available                          |  |  |
| 11/11/2014  | EN (English US)                                       | 2/0  |  |

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| Melting point                   | : | No data available     |
|---------------------------------|---|-----------------------|
| Freezing point                  | : | No data available     |
| Boiling point                   | : | > 200 °C Calculated   |
| Flash point                     | : | 174 °C Closed Cup     |
| Self ignition temperature       | : | No data available     |
| Decomposition temperature       | : | No data available     |
| Flammability (solid, gas)       | : | No data available     |
| Vapor pressure                  | : | No data available     |
| Relative vapor density at 20 °C | : | No data available     |
| Relative density                | : | No data available     |
| Solubility                      | : | No data available     |
| Log Pow                         | : | No data available     |
| Log Kow                         | : | No data available     |
| Viscosity, kinematic            | : | 41.4 - 50.6 cSt @40°C |
| Viscosity, dynamic              | : | No data available     |
| Explosive properties            | : | No data available     |
| Oxidizing properties            | : | No data available     |
| Explosive limits                | : | No data available     |
|                                 |   |                       |

**Other information** 9.2.

No additional information available

| SECTION 10: Stability and reactivity                 |
|--|
| 10.1. Reactivity                                     |
| No additional information available                  |
| 10.2. Chemical stability                             |
| Not established.                                     |
| 10.3. Possibility of hazardous reactions             |
| Not established.                                     |
| 10.4. Conditions to avoid                            |
| Direct sunlight. Extremely high or low temperatures. |
| 10.5. Incompatible materials                         |
| Strong acids. Strong bases.                          |
| 10.6. Hazardous decomposition products               |
| Carbon monoxide. Carbon dioxide.                     |

#### **SECTION 11: Toxicological information**

Information on toxicological effects 11.1.

Acute toxicity

: Not classified

| 2,6-di-tert-butyl-p-cresol (128-37-0)       |  |
|---|--|
| LD50 oral rat                               | 890 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; >6000 mg/kg<br>bodyweight; Rat)                     |
| LD50 dermal rat                             | > 2000 mg/kg (Rat; Literature study; OECD 402: Acute Dermal Toxicity; >2000 mg/kg bodyweight; Rat; Experimental value) |
| ATE (oral)                                  | 890.000 mg/kg body weight  |
| 3,4-epoxycyclohexylmethyl-3,4-epoxycyclohex | ylcarboxylate (2386-87-0)  |
| LD50 oral rat                               | 4490 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; 5000 mg/kg<br>bodyweight; Rat)                     |
| LD50 dermal rat                             | > 2000 mg/kg (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)  |
| LD50 dermal rabbit                          | > 2000 mg/kg (Rabbit)  |
| LC50 inhalation rat (mg/l)                  | > 20 mg/l/4h (Rat)   |
| ATE (oral)                                  | 4490.000 mg/kg body weight   |
| Skin corrosion/irritation                   | Not classified   |
| Serious eye damage/irritation               | : Not classified   |
| Respiratory or skin sensitization           | : Not classified   |
| Germ cell mutagenicity                      | : Based on available data, the classification criteria are not met   |
| Carcinogenicity                             | : Not classified   |

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| 2,6-di-tert-butyl-p-cresol (128-37-0)               |   |
|---|---|
| IARC group  | 3   |
| Reproductive toxicity                               | : Based on available data, the classification criteria are not met  |
| Specific target organ toxicity (single exposure)    | : Not classified  |
| Specific target organ toxicity (repeated exposure)  | : Based on available data, the classification criteria are not met  |
| Aspiration hazard                                   | : Based on available data, the classification criteria are not met  |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |

| SECTION 12: Ecological informat                                      | ion  |  |  |
|--|--|--|--|
| 12.1. Toxicity   |  |  |  |
| Ecology - water  | : Toxic to aquatic life.   |  |  |
| 2,6-di-tert-butyl-p-cresol (128-37-0)                                |  |  |  |
| LC50 fish 1  | 0.199 mg/l (96 h; Pisces)  |  |  |
| EC50 Daphnia 1   | 0.48 mg/l (48 h; Daphnia magna; GLP)   |  |  |
| Threshold limit algae 1  | > 0.4 mg/l (72 h; Scenedesmus subspicatus; GLP)  |  |  |
| Threshold limit algae 2  | 0.363 mg/l (Algae; Chronic)  |  |  |
| 3,4-epoxycyclohexylmethyl-3,4-epoxycy                                | clohexylcarboxylate (2386-87-0)  |  |  |
| LC50 fish 1  | 24 mg/l (96 h; Oncorhynchus mykiss; GLP)   |  |  |
| EC50 Daphnia 1   | 40 mg/l (48 h; Daphnia magna; GLP)   |  |  |
| Threshold limit algae 1  | > 110 mg/l (72 h; Pseudokirchneriella subcapitata; GLP)  |  |  |
| 12.2. Persistence and degradability                                  |  |  |  |
| P46-32 PAG Refrigeration Lubricant 46                                |  |  |  |
| Persistence and degradability  | Not established.   |  |  |
| tricresyl phosphates, mixture of isomers                             | s, conc o-tricresyl phosphate>95% (1330-78-5)  |  |  |
| Persistence and degradability  | Readily biodegradable in water.  |  |  |
| 2,6-di-tert-butyl-p-cresol (128-37-0)                                |  |  |  |
| Persistence and degradability  | Not readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil. Low potential for mobility in soil. Photooxidation in the air. |  |  |
| Biochemical oxygen demand (BOD)                                      | 0.51 g O <sup>2</sup> /g substance   |  |  |
| Chemical oxygen demand (COD)   | 2.27 g O <sup>2</sup> /g substance   |  |  |
| ThOD   | 2.977 g O <sup>2</sup> /g substance  |  |  |
| BOD (% of ThOD)  | 0.17 % ThOD  |  |  |
| 3,4-epoxycyclohexylmethyl-3,4-epoxycy                                | clohexylcarboxylate (2386-87-0)  |  |  |
| Persistence and degradability  | Readily biodegradable in water. Biodegradability in soil: no data available. Low potential for<br>adsorption in soil. Highly mobile in soil.         |  |  |
| ThOD   | 2.16 g O <sup>2</sup> /g substance   |  |  |
| 12.3. Bioaccumulative potential                                      |  |  |  |
| P46-32 PAG Refrigeration Lubricant 46                                |  |  |  |
| Bioaccumulative potential  | Not established.   |  |  |
| tricresvl phosphates, mixture of isomers                             | s, conc o-tricresyl phosphate>95% (1330-78-5)  |  |  |
| Log Pow  | 5.11 (Experimental value)  |  |  |
| 2,6-di-tert-butyl-p-cresol (128-37-0)                                |  |  |  |
| BCF fish 1   | 230 - 2500 (56 days; Cyprinus carpio)  |  |  |
| Log Pow  | 5.1 (Experimental value)   |  |  |
| Bioaccumulative potential  | Potential for bioaccumulation ( $500 \le BCF \le 5000$ ).  |  |  |
| 3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexylcarboxylate (2386-87-0) |  |  |  |
| Log Pow  | 1.34 (Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 20 °C)  |  |  |
| Bioaccumulative potential  | Low potential for bioaccumulation (Log Kow < 4).   |  |  |
| 12.4. Mobility in soil   |  |  |  |
| 2,6-di-tert-butyl-p-cresol (128-37-0)                                |  |  |  |
| Ecology - soil   | May be harmful to plant growth, blooming and fruit formation.  |  |  |
|  |  |  |  |
| 12.5. Other adverse effects  |  |  |  |

Other information

: Avoid release to the environment.

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|  | al considerations  |   |   |                                      |
|--|--|---|---|--------------------------------------|
| 13.1. Waste treatment  | methods  |   |   |                                      |
| Waste disposal recommend   | lations : Dis  | pose in a safe manner in accord   | lance with local/national regula  | tions.                               |
| Ecology - waste materials  |  | bid release to the environment.   | -   |                                      |
| SECTION 14: Transp   | ort information  |   |   |                                      |
| In accordance with ADR / R   | RID / IMDG / IATA / ADN  |   |   |                                      |
| 14.1. UN number  |  |   |   |                                      |
| Not applicable   |  |   |   |                                      |
| 14.2. UN proper shipp  | ing name   |   |   |                                      |
| Not applicable   |  |   |   |                                      |
| 14.3. Additional information   | tion   |   |   |                                      |
| Other information  | : No   | supplementary information avail   | lable.  |                                      |
| Overland transport   |  |   |   |                                      |
| Not regulated  |  |   |   |                                      |
| -  |  |   |   |                                      |
| Transport by sea   |  |   |   |                                      |
| Not regulated  |  |   |   |                                      |
| Air transport  |  |   |   |                                      |
| Not regulated  |  |   |   |                                      |
| SECTION 15: Regula   | tory information   |   |   |                                      |
| 15.1. US Federal regulatio   |  |   |   |                                      |
| No additional information av   | vailable   |   |   |                                      |
| 15.2. International regulat  | ions   |   |   |                                      |
| CANADA   |  |   |   |                                      |
| P46-32 PAG Refrigeratio  | n Lubricant 46   |   |   |                                      |
| WHMIS Classification   |  | ss D Division 2 Subdivision B -   | Toxic material causing other to   | xic effects                          |
| No additional information av<br>Classification according to<br>Not classified  | vailable<br>to Regulation (EC) No. 1272  | 2/2008 [CLP]  |   |                                      |
| Classification according t   | o Directive 67/548/EEC or  | 1999/45/EC  |   |                                      |
| Classification according to 15.2.2. National regulation  | ions   | 1999/45/EC  |   |                                      |
| Classification according to 15.2.2. National regulation No additional information available of the second s | ions<br>/ailable   | 1999/45/EC  |   |                                      |
| Classification according to<br>15.2.2. National regulati<br>No additional information av<br>15.3. US State regulations   | ions<br>vailable   | 1999/45/EC  |   |                                      |
| Classification according to<br>15.2.2. National regulati<br>No additional information av<br>15.3. US State regulations<br>P46-32 PAG Refrigeration   | ions<br>vailable<br>Lubricant 46()   | 1999/45/EC  |   |                                      |
| Classification according to<br>15.2.2. National regulation<br>No additional information av<br>15.3. US State regulations<br>P46-32 PAG Refrigeration<br>U.S California - Proposition<br>U.S California - Proposition   | ions<br>vailable<br>Lubricant 46()<br>on 65 - Carcinogens List   |   |   |                                      |
| Classification according to<br>15.2.2. National regulation<br>No additional information av<br>15.3. US State regulations<br>P46-32 PAG Refrigeration<br>U.S California - Proposition<br>U.S California - Proposition<br>Toxicity   | ions<br>vailable<br>Lubricant 46()<br>on 65 - Carcinogens List<br>on 65 - Developmental  | No<br>No  |   |                                      |
| Classification according to<br>15.2.2. National regulation<br>No additional information av<br>15.3. US State regulations<br>P46-32 PAG Refrigeration<br>U.S California - Proposition<br>Toxicity<br>U.S California - Proposition<br>Toxicity - Female  | ions<br>vailable<br><b>Lubricant 46()</b><br>on 65 - Carcinogens List<br>on 65 - Developmental<br>on 65 - Reproductive   | No<br>No<br>No  |   |                                      |
| Classification according to<br>15.2.2. National regulation<br>No additional information av<br>15.3. US State regulations<br>P46-32 PAG Refrigeration<br>U.S California - Proposition<br>U.S California - Proposition<br>Toxicity<br>U.S California - Proposition   | ions<br>vailable<br><b>Lubricant 46()</b><br>on 65 - Carcinogens List<br>on 65 - Developmental<br>on 65 - Reproductive   | No<br>No  |   |                                      |
| Classification according to<br>15.2.2. National regulation<br>No additional information av<br>15.3. US State regulations<br>P46-32 PAG Refrigeration<br>U.S California - Proposition<br>Toxicity<br>U.S California - Proposition<br>Toxicity - Female<br>U.S California - Proposition<br>Toxicity - Female<br>U.S California - Proposition<br>Toxicity - Male  | ions<br>vailable<br>Lubricant 46()<br>on 65 - Carcinogens List<br>on 65 - Developmental<br>on 65 - Reproductive<br>on 65 - Reproductive<br>ture of isomers, conc o-tric  | No<br>No<br>No<br>resyl phosphate>95% <b>(1330-78-</b>  |   |                                      |
| Classification according to<br>15.2.2. National regulation<br>No additional information av<br>15.3. US State regulations<br>P46-32 PAG Refrigeration<br>U.S California - Proposition<br>Toxicity<br>U.S California - Proposition<br>Toxicity - Female<br>U.S California - Proposition<br>Toxicity - Female<br>U.S California - Proposition<br>Toxicity - Male<br>tricresyl phosphates, mixto<br>U.S California -   | ions<br>vailable<br>Lubricant 46()<br>on 65 - Carcinogens List<br>on 65 - Developmental<br>on 65 - Reproductive<br>on 65 - Reproductive<br>ture of isomers, conc o-tric<br>U.S California -  | No<br>No<br>No<br>resyl phosphate>95% <b>(1330-78-</b><br>U.S California -  | U.S California -  |                                      |
| Classification according to<br>15.2.2. National regulation<br>No additional information av<br>15.3. US State regulations<br>P46-32 PAG Refrigeration<br>U.S California - Proposition<br>Toxicity<br>U.S California - Proposition<br>Toxicity - Female<br>U.S California - Proposition<br>Toxicity - Female<br>U.S California - Proposition<br>Toxicity - Male  | ions<br>vailable<br>Lubricant 46()<br>on 65 - Carcinogens List<br>on 65 - Developmental<br>on 65 - Reproductive<br>on 65 - Reproductive<br>ture of isomers, conc o-tric  | No<br>No<br>No<br>resyl phosphate>95% <b>(1330-78-</b>  |   | No significance risk level<br>(NSRL) |
| Classification according to<br>15.2.2. National regulation<br>No additional information av<br>15.3. US State regulations<br>P46-32 PAG Refrigeration<br>U.S California - Proposition<br>Toxicity<br>U.S California - Proposition<br>Toxicity - Female<br>U.S California - Proposition<br>Toxicity - Female<br>U.S California - Proposition<br>Toxicity - Male<br>tricresyl phosphates, mixture<br>U.S California -<br>Proposition 65 -   | ions<br>vailable<br>Lubricant 46()<br>on 65 - Carcinogens List<br>on 65 - Developmental<br>on 65 - Reproductive<br>ture of isomers, conc o-tric<br>U.S California -<br>Proposition 65 -  | No<br>No<br>No<br>U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -   | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -                                   |                                      |
| Classification according to<br>15.2.2. National regulation<br>No additional information av<br>15.3. US State regulations<br>P46-32 PAG Refrigeration<br>U.S California - Proposition<br>Toxicity<br>U.S California - Proposition<br>Toxicity - Female<br>U.S California - Proposition<br>Toxicity - Male<br>tricresyl phosphates, mixto<br>U.S California -<br>Proposition 65 -<br>Carcinogens List  | ions<br>vailable<br>Lubricant 46()<br>on 65 - Carcinogens List<br>on 65 - Developmental<br>on 65 - Reproductive<br>ture of isomers, conc o-tric<br>U.S California -<br>Proposition 65 -<br>Developmental Toxicity<br>No                                  | No   No   No   No   U.S California -   Proposition 65 -   Reproductive Toxicity -   Female  | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male                           |                                      |
| Classification according to<br>15.2.2. National regulation<br>No additional information av<br>15.3. US State regulations<br>P46-32 PAG Refrigeration<br>U.S California - Proposition<br>Toxicity<br>U.S California - Proposition<br>Toxicity - Female<br>U.S California - Proposition<br>Toxicity - Male<br>tricresyl phosphates, mixt<br>U.S California -<br>Proposition 65 -<br>Carcinogens List<br>No<br>2,6-di-tert-butyl-p-cresol (<br>U.S California -   | ions<br>vailable<br>Lubricant 46()<br>on 65 - Carcinogens List<br>on 65 - Developmental<br>on 65 - Reproductive<br>ture of isomers, conc o-tric<br>U.S California -<br>Proposition 65 -<br>Developmental Toxicity<br>No<br>128-37-0)<br>U.S California - | No   No   No   No   U.S California -   Proposition 65 -   Reproductive Toxicity -   Female   No   U.S California -  | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male<br>No<br>U.S California - | No significance risk level           |
| Classification according to<br>15.2.2. National regulation<br>No additional information av<br>15.3. US State regulations<br>P46-32 PAG Refrigeration<br>U.S California - Proposition<br>Toxicity<br>U.S California - Proposition<br>Toxicity - Female<br>U.S California - Proposition<br>Toxicity - Male<br>tricresyl phosphates, mixt<br>U.S California -<br>Proposition 65 -<br>Carcinogens List<br>No<br>2,6-di-tert-butyl-p-cresol (   | ions<br>vailable<br>Lubricant 46()<br>on 65 - Carcinogens List<br>on 65 - Developmental<br>on 65 - Reproductive<br>ture of isomers, conc o-tric<br>U.S California -<br>Proposition 65 -<br>Developmental Toxicity<br>No<br>128-37-0)                     | No   No   No   No   using the set of th | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male<br>No                     | (NSRL)                               |

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| 3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexylcarboxylate (2386-87-0) |  |   |   |                                      |
|--|--|---|---|--------------------------------------|
| U.S California -<br>Proposition 65 -<br>Carcinogens List             | U.S California -<br>Proposition 65 -<br>Developmental Toxicity | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Female | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male | No significance risk level<br>(NSRL) |
| No   | No   | No  | No  |                                      |

#### **SECTION 16: Other information**

Other information

: None.

| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4  |
|---------------------|---|
| H302                | Harmful if swallowed  |
|                     |   |
| 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,<br>and are not reactive with water.     |

#### **HMIS III Rating**

SDS US (GHS HazCom 2012) - TSI

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