

SECTION 3: Composition/information on ingredients

- 3.2 Mixtures · Description: Mixture of substances listed below with nonhazardous additions.
 - Dangerous components: EC number: 701-251-5 Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived from propene oligomerization, carbonates, calcium salts, overbased, sulfurized, including distillates (petroleum), hydrotreated, solvent-refined, solvent-dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50 Aquatic Chronic 4, H413 <1.61%
 - Not dangerous substances
- CAS: 64742-54-7 EINECS: 265-157-1 A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. 77.7% CAS: 64742-65-0 EINECS: 265-169-7 Distillates (petroleum), solvent-dewaxed heavy paraffinic <2.4% Alkyl esters of Alkyl phenate alkanolic acid <1.61% Alkylene bis(dialkyldithiocarbamate) Aquatic Chronic 4, H413 <0.5% CAS: 85940-28-9 EINECS: 288-917-4 Phosphorodithioic acid, mixed O, O-bis (2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts Eye Dam. 1, H318; Aquatic Chronic 2, H411; Skin Irrit. 2, H315 <0.1% CAS: 68439-50-9 NLP: 500-213-3 Alcohols, C12-14, ethoxylated Aquatic Acute 1, H400; Aquatic Chronic 3, H412 <0.05% CAS: 74499-35-7 phenol, 2-dodecyl-, branched Repr. 1B, H360F; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10) <0.01%
- Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents:
CO2. Do not use water.
Use fire extinguishing methods suitable to surrounding conditions.
Foam Fire-extinguishing powder Sand ·
- For safety reasons unsuitable extinguishing agents:Water
- 5.2 Special hazards arising from the substance or mixtureNo further relevant information available.
- 5.3 Advice for firefighters · Protective equipment:No special measures required.
- Additional information
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product. Wear protective clothing.
- 6.2 Environmental precautions: Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. ·
- 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handlingNo special measures required. · Information about fire - and explosion protection:No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities · Storage: · Requirements to be met by storerooms and receptacles:No special requirements. · Information about storage in one common storage facility:Not required. · Further information about storage conditions:None.
- 7.3 Specific end use(s)No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters · Additional information about design of technical facilities: No further data; see item 7. · Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. · Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls · Appropriate engineering controls No further data; see section 7. · Individual protection measures, such as personal protective equipment · General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. · Respiratory protection: Not required.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation (Contd. on page 4) · Hand protection Protective gloves · Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. · Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. · Eye/face protection Goggles recommended during refilling



SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties · General Information · Appearance: Form: Liquid Colour: Yellow-brown · Odour: Specific type · Odour threshold: Not determined. · pH-value: Not determined. · Change in condition Melting point/freezing point: Undetermined. Initial boiling point and boiling range: >350 °C · Flash point: >220 °C · Flammability (solid, gas): Not applicable. · Decomposition temperature: Not determined. · Auto-ignition temperature: Product is not selfigniting. · Explosive properties: Product does not present an explosion hazard. · Explosion limits: Lower: Not determined. Upper: Not determined. · Vapour pressure: Not determined. · Density at 20 °C: 0.86 g/cm³ · Relative density Not determined. · Vapour density Not determined. · Evaporation rate Not determined. · Solubility in / Miscibility with water: Not miscible or difficult to mix. · Partition coefficient: n-octanol/water: Not determined. · Viscosity: Dynamic: Not determined. Kinematic at 40 °C: >60 mm²/s · Solvent content: VOC (EC) 0.00 % · 9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability · Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: Carbon monoxide Aldehyde Poisonous gases/vapours Carbon dioxide

SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity Based on available data, the classification criteria are not met.
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- 12.1 Toxicity · Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability: No further relevant information available.
- 12.3 Bioaccumulative potential: No further relevant information available.
- 12.4 Mobility in soil: No further relevant information available.
- Additional ecological information: · General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- 12.5 Results of PBT and vPvB assessment · PBT: Not applicable. · vPvB: Not applicable.
- 12.6 No further relevant information available

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods · Recommendation: Smaller quantities can be disposed of with household waste. · Uncleaned packaging:
 - Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

- 14.1 UN number or ID number · ADR, ADN, IMDG, IATA not regulated
- 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA not regulated
- 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class not regulated
- 14.4 Packing group · ADR, IMDG, IATA not regulated
- 14.5 Environmental hazards: Not applicable.
- 14.6 Special precautions for user: Not applicable.
- 14.7 Maritime transport in bulk according to IMO instruments: Not applicable.
- UN "Model Regulation": not regulated

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture · Directive 2012/18/EU · Named dangerous substances - ANNEX I None of the ingredients is listed.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. · Relevant phrases H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H360F May damage fertility. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life. · Classification according to Regulation (EC) No 1272/2008 The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008. · Department issuing SDS: Product safety department. · Contact: Mrs. Zubaite · Abbreviations and acronyms: ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4 · * Data compared to the previous version altered.