# SAFETY DATA SHEET

## Section 1: Identification of the substance/mixture and of the company/undertaking

**Product identifier**

| | |
|---|---|
| **Trade name or designation of the mixture** | Bike Brite Motorcycle Spray Wash |
| **Registration number** | - |
| **Synonyms** | None. |
| **Date of first issue** | 11-November-2011 |
| **Version number** | 01 |
| **Revision date** | - |
| **Supersedes date** | - |

**Relevant identified uses of the substance or mixture and uses advised against**

| | |
|---|---|
| **Identified uses** | Cleaner and Degeaser for Motorcycles |
| **Uses advised against** | None known. |

**Details of the supplier of the safety data sheet**

**Supplier**

| | |
|---|---|
| **Company name** | Bike Brite, Inc. |
| **Address** | 7177 Industrial Park Blvd.<br>Mentor, OH 44060<br>USA |
| **General information** | 800-927-4833 |
| **Contact person** | Not available. |
| **24 Hour Emergency** | 800-535-5053 |

## Section 2: Hazards identification

**Classification of the substance or mixture**

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

**Classification according to Directive 67/548/EEC or 1999/45/EC as amended**

| | |
|---|---|
| **Classification** | Xi;R36 |

**Classification according to Regulation (EC) No 1272/2008 as amended**

**Health hazards**

| | | |
|---|---|---|
| Serious eye damage/eye irritation | Category 1 | Causes serious eye damage. |

**Hazard summary**

| | |
|---|---|
| **Physical hazards** | Not classified for physical hazards. |
| **Health hazards** | Irritating to eyes. Occupational exposure to the substance or mixture may cause adverse health effects. |
| **Environmental hazards** | Not classified for hazards to the environment. |
| **Specific hazards** | Causes severe eye irritation. May cause skin irritation. Mist or vapor irritating to eyes and respiratory tract. |
| **Main symptoms** | Irritation of eyes and mucous membranes. Skin irritation. Upper respiratory tract irritation. |

**Label elements**

**Label according to Regulation (EC) No. 1272/2008 as amended**

| | |
|---|---|
| **Signal word** | Danger |
| **Hazard statements** | Causes serious eye damage. |

**Precautionary statements**

| | |
|---|---|
| **Prevention** | Wear eye/face protection. |
| **Response** | Immediately call a POISON CENTER or doctor/physician. |

| | |
|---|---|
| **Storage** | Store away from incompatible materials. |
| **Disposal** | Dispose of waste and residues in accordance with local authority requirements. |
| **Supplemental label information** | Contains: Triethanolamine. May produce an allergic reaction. |
| **Other hazards** | Not a PBT or vPvB substance or mixture. |

## Section 3: Composition/information on ingredients

**Mixture**

**General information**

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | INDEX No. | Notes |
|---|---|---|---|---|---|
| Alcohols, C9-11, ethoxylated | 5 - < 10 | 68439-46-3<br>- | - | - | |
| **Classification:** | **DSD:** | Xn;R22, Xi;R41 | | | |
| | **CLP:** | Acute Tox. 4;H302, Eye Dam. 1;H318 | | | |
| 2-(2-Butoxyethoxy)-Ethanol | 3 - < 5 | 112-34-5<br>203-961-6 | - | 603-096-00-8 | # |
| **Classification:** | **DSD:** | Xi;R36 | | | |
| | **CLP:** | Eye Irrit. 2;H319 | | | |
| Sodium gluconate | 3 - < 5 | 527-07-1<br>208-407-7 | - | - | |
| **Classification:** | **DSD:** | - | | | |
| | **CLP:** | - | | | |
| Sodium dodecylbenzenesulfonate | 1 - < 3 | 25155-30-0<br>246-680-4 | - | - | |
| **Classification:** | **DSD:** | Xn;R22, Xi;R38-41, N;R51-53 | | | |
| | **CLP:** | Acute Tox. 4;H302, Skin Irrit. 2;H315, Eye Dam. 1;H318 | | | |
| Sodium N-Lauroyl Sarcosinate | < 1 | 137-16-6<br>205-281-5 | - | - | |
| **Classification:** | **DSD:** | T;R23, Xi;R38-41 | | | |
| | **CLP:** | Skin Irrit. 2;H315, Eye Dam. 1;H318, Acute Tox. 2;H330 | | | |
| Triethanolamine | < 1 | 102-71-6<br>203-049-8 | - | - | # |
| **Classification:** | **DSD:** | Xi;R36, R43 | | | |
| | **CLP:** | Skin Sens. 1;H317, Eye Irrit. 2;H319 | | | |
| 2-Methyl-2H-isothiazol-3-one | < 0,1 | 2682-20-4<br>220-239-6 | - | - | # |
| **Classification:** | **DSD:** | T;R25, C;R34, R43 | | | |
| | **CLP:** | Acute Tox. 3;H301, Skin Corr. 1B;H314, Skin Sens. 1;H317, Eye Dam. 1;H318 | | | |

#: This substance has workplace exposure limit(s).

**Composition comments** The full text for all R-phrases is displayed in Section 16. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## Section 4: First aid measures

**Description of first aid measures**

| | |
|---|---|
| **Inhalation** | If symptomatic, move to fresh air. Get medical attention if symptoms persist. |
| **Skin contact** | Wash with soap and water. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse. |
| **Eye contact** | Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if symptoms persist. |
| **Ingestion** | Seek medical advice. |

**Most important symptoms and effects, both acute and delayed** Irritation of eyes and mucous membranes. Skin irritation. Upper respiratory tract irritation.

**Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

## Section 5: Firefighting measures

**General fire hazards** This product is not flammable.

**Extinguishing media**

**Suitable extinguishing media** Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

**Unsuitable extinguishing media** None.

**Special hazards arising from the substance or mixture** During fire, gases hazardous to health may be formed.

**Advice for firefighters**

**Special protective equipment for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Special firefighting procedures** Cool containers exposed to heat with water spray and remove container, if no risk is involved.

## Section 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** No specific usage precautions noted. Use personal protection recommended in Section 8 of the SDS.

**For emergency responders** Use personal protection as recommended in section 8 of the SDS.

**Environmental precautions** Avoid discharge into drains, water courses or onto the ground.

**Methods and material for containment and cleaning up** Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Dike for later disposal. Flush area with water.

**Reference to other sections** For personal protection, see section 8.
For waste disposal, see section 13.

## Section 7: Handling and storage

**Precautions for safe handling** Avoid breathing mist or vapour. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities** Keep container closed. Store away from heat. Store away from incompatible materials.

**Specific end use(s)** Detergent.

## Section 8: Exposure controls/personal protection

**Control parameters**

**Occupational exposure limits**

**Austria. MAK List**

| Components | Type | Value | Form |
|---|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | MAK | 97,5 mg/m3 | |
| | | 10 ppm | |
| | STEL | 101,2 mg/m3 | |
| | | 15 ppm | |
| 2-Methyl-2H-isothiazol-3-one (2682-20-4) | MAK | 0,05 mg/m3 | |
| Triethanolamine (102-71-6) | MAK | 5 mg/m3 | Inhalable fraction. |
| | | 0,8 ppm | Inhalable fraction. |
| | STEL | 10 mg/m3 | Inhalable fraction. |
| | | 1,6 ppm | Inhalable fraction. |

**Belgium. Exposure Limit Values.**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 101,2 mg/m3 |
| | | 15 ppm |
| | TWA | 67,5 mg/m3 |
| | | 10 ppm |
| Triethanolamine (102-71-6) | TWA | 5 mg/m3 |

**Czech Republic. OELs. Government Decree 361**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | Ceiling | 100 mg/m3 |
| | TWA | 70 mg/m3 |
| Triethanolamine (102-71-6) | Ceiling | 10 mg/m3 |
| | TWA | 5 mg/m3 |

**Denmark. Exposure Limit Values**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | TLV | 67,5 mg/m3 |
| | | 10 ppm |
| Triethanolamine (102-71-6) | TLV | 3,1 mg/m3 |
| | | 0,5 ppm |

**Estonia. OELs. Occupational Exposure Limit Values for Hazardous Substances (Minister of Social Affairs Regulation No. 57)**

| Components | Type | Value |
|---|---|---|
| Triethanolamine (102-71-6) | STEL | 10 mg/m3 |
| | TWA | 5 mg/m3 |

**Finland. Workplace Exposure Limits**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | TWA | 68 mg/m3 |
| | | 10 ppm |
| Triethanolamine (102-71-6) | TWA | 5 ppm |

**France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | VLE | 101,2 mg/m3 |
| | | 15 ppm |
| | VME | 67,5 mg/m3 |
| | | 10 ppm |

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

| Components | Type | Value | Form |
|---|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | TWA | 67 mg/m3 | |
| | | 10 ppm | |
| 2-Methyl-2H-isothiazol-3-one (2682-20-4) | TWA | 0,2 mg/m3 | Inhalable fraction. |
| Triethanolamine (102-71-6) | TWA | 5 mg/m3 | Inhalable fraction. |

**Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | AGW | 67 mg/m3 |
| | | 10 ppm |

**Iceland. OELs. Regulation 154/1999 on occupational exposure limits**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 101,2 mg/m3 |
| | | 15 ppm |
| | TWA | 67,5 mg/m3 |
| | | 10 ppm |
| Triethanolamine (102-71-6) | TWA | 5 mg/m3 |

**Ireland. Occupational Exposure Limits**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 101,2 mg/m3 |
| | | 15 ppm |
| | TWA | 67,5 mg/m3 |
| | | 10 ppm |
| Triethanolamine (102-71-6) | TWA | 5 mg/m3 |

**Italy. OELs**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 101,2 mg/m3 |

**Italy. OELs**

| Components | Type | Value |
|---|---|---|
| | | 15 ppm |
| | TWA | 67,5 mg/m3 |
| | | 10 ppm |
| Triethanolamine (102-71-6) | TWA | 5 mg/m3 |

**Lithuania. OELs. Occupational Exposure Limit Values for Hazardous Chemical Substance Concentration, General Requirements (No. 645/169)**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 200 mg/m3 |
| | | 30 ppm |
| | TWA | 100 mg/m3 |
| | | 15 ppm |
| Triethanolamine (102-71-6) | STEL | 10 mg/m3 |
| | TWA | 5 mg/m3 |

**Luxembourg. OELs**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 101,2 mg/m3 |
| | | 15 ppm |
| | TWA | 67,5 mg/m3 |
| | | 10 ppm |

**Netherlands. OELs (binding)**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 100 mg/m3 |
| | TWA | 50 mg/m3 |

**Norway. Administrative Norms for Contaminants in the Workplace**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | TLV | 68 mg/m3 |
| | | 10 ppm |
| Triethanolamine (102-71-6) | TLV | 5 mg/m3 |

**Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 100 mg/m3 |
| | TWA | 67 mg/m3 |

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)**

| Components | Type | Value |
|---|---|---|
| Triethanolamine (102-71-6) | TWA | 5 mg/m3 |

**Romania. OELs. Protection of workers from exposure to chemical agents at the workplace**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 250 mg/m3 |
| | TWA | 150 mg/m3 |

**Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in work with chemical agents**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | Ceiling | 101,2 mg/m3 |
| | TWA | 67,5 mg/m3 |
| | | 10 ppm |

**Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)**

| Components | Type | Value | Form |
|---|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | TWA | 67,5 mg/m3 | |
| | | 10 ppm | |
| Triethanolamine (102-71-6) | TWA | 5 mg/m3 | Inhalable fraction. |

**Spain. Occupational Exposure Limits**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 101,2 mg/m3 |
| | | 15 ppm |
| | TWA | 67,5 mg/m3 |
| | | 10 ppm |
| Triethanolamine (102-71-6) | TWA | 5 mg/m3 |

**Sweden. Occupational Exposure Limit Values**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 200 mg/m3 |
| | | 30 ppm |
| | TWA | 100 mg/m3 |
| | | 15 ppm |
| Triethanolamine (102-71-6) | STEL | 10 mg/m3 |
| | TWA | 5 mg/m3 |

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

| Components | Type | Value | Form |
|---|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 101,2 mg/m3 | |
| | | 15 ppm | |
| | TWA | 67 mg/m3 | |
| | | 10 ppm | |
| 2-Methyl-2H-isothiazol-3-one (2682-20-4) | STEL | 0,4 mg/m3 | Inhalable dust. |
| | TWA | 0,2 mg/m3 | Inhalable dust. |
| Triethanolamine (102-71-6) | STEL | 20 mg/m3 | Inhalable dust. |
| | TWA | 5 mg/m3 | Inhalable dust. |

**UK. EH40 Workplace Exposure Limits (WELs)**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 101,2 mg/m3 |
| | | 15 ppm |
| | TWA | 67,5 mg/m3 |
| | | 10 ppm |

**EU. Indicative Exposure and Directives relating to the protection of risks related to work exposure to chemical, physical, and biological agents.**

| Components | Type | Value |
|---|---|---|
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | STEL | 101,2 mg/m3 |
| | | 15 ppm |
| | TWA | 67,5 mg/m3 |
| | | 10 ppm |

**Recommended monitoring procedures** Follow standard monitoring procedures.

**DNEL**

| Components | Type | Route | Value | Form |
|---|---|---|---|---|
| Sodium N-Lauroyl Sarcosinate (137-16-6) | General Population | Oral | 0,15 mg/kg/day | Long term Systemic effects |
| | | Inhalation | 5 mg/m3 | Long term Local effects |
| | | Inhalation | 5 mg/m3 | Long term Systemic effects |
| | Workers | Inhalation | 5 mg/m3 | Long term Systemic effects |
| | | Inhalation | 5 mg/m3 | Long term Local effects |

**PNEC**

| Components | Type | Route | Value |
|---|---|---|---|
| Sodium N-Lauroyl Sarcosinate (137-16-6) | Aqua (freshwater) | Not applicable | 0,0297 mg/l |
| | Aqua (intermittent releases) | Not applicable | 0,297 mg/l |
| | Aqua (marine water) | Not applicable | 0,003 mg/l |
| | Sediment (freshwater) | Not applicable | 0,034 mg/kg |

| Components | Type | Route | Value |
|---|---|---|---|
| | Sediment (marine water) | Not applicable | 0,0034 mg/kg |
| | Sewage Treatment Plant | Not applicable | 10 mg/l |
| | Soil | Not applicable | 0,012 mg/kg |

**Exposure controls**

**Appropriate engineering controls** Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**General information** Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection**

**- Hand protection** Not normally needed. For prolonged or repeated skin contact use suitable protective gloves.

**- Other** Normal work clothing (long sleeved shirts and long pants) is recommended.

**Respiratory protection** Not normally needed.
If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**Hygiene measures** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**Environmental exposure controls** Environmental manager must be informed of all major releases.

## Section 9: Physical and chemical properties

**Information on basic physical and chemical properties**

**Appearance** Blue liquid.

**Physical state** Liquid.

**Form** Liquid.

**Colour** Blue.

**Odour** Mint

**Odour threshold** Not available.

**pH** Not applicable.

**Melting point/freezing point** Not available.

**Boiling point, initial boiling point, and boiling range** Not available.

**Flash point** Not applicable.

**Auto-ignition temperature** Not applicable.

**Flammability (solid, gas)** Not available.

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Oxidising properties** Not applicable.

**Explosive properties** Not applicable.

**Explosive limit** Not applicable.

**Vapour pressure** Not applicable.

**Vapour density** Not applicable.

**Evaporation rate** Not applicable.

**Relative density** Not available.

**Solubility (water)** Miscible.

**Partition coefficient (n-octanol/water)** No data available.

| | |
|---|---|
| **Decomposition temperature** | Not available. |
| **Viscosity** | Not available. |
| **Percent volatile** | Not available. |
| **Other information** | No relevant additional information available. |

## Section 10: Stability and reactivity

| | |
|---|---|
| **Reactivity** | The product is non reactive under normal conditions of use, storage and transport. |
| **Chemical stability** | Material is stable under normal conditions. |
| **Possibility of hazardous reactions** | Hazardous polymerisation does not occur. |
| **Conditions to avoid** | Not available. |
| **Incompatible materials** | Strong oxidising agents. Do not mix with other chemicals. |
| **Hazardous decomposition products** | No hazardous decomposition products are known. |

## Section 11: Toxicological information

| | |
|---|---|
| **General information** | Not available. |

**Information on likely routes of exposure**

| | |
|---|---|
| **Ingestion** | May cause discomfort if swallowed. |
| **Inhalation** | Inhalation of vapours or mists of the product may be irritating to the respiratory system. |
| **Skin contact** | May cause skin irritation. |
| **Eye contact** | Risk of serious damage to eyes. |
| **Symptoms** | Irritation of eyes and mucous membranes. Skin irritation. Upper respiratory tract irritation. |

**Information on toxicological effects**

| | |
|---|---|
| **Acute toxicity** | Causes eye irritation. May cause skin irritation. Mist or vapor irritating to eyes and respiratory tract. |

| Components | Test results |
|---|---|
| Triethanolamine (102-71-6) | Acute Dermal LD50 Rabbit: > 20000 mg/kg |
| | Acute Oral LD50 Rabbit: 2200 mg/kg |
| 2-(2-Butoxyethoxy)-Ethanol (112-34-5) | Acute Dermal LD50 Rabbit: 2700 mg/kg |
| | Acute Oral LD50 Rat: 4500 mg/kg |
| Sodium N-Lauroyl Sarcosinate (137-16-6) | Acute Inhalation LC50 Rat: 0,05 - 0,5 mg/l/4h |
| | Acute Oral LD50 Rat: > 5000 mg/kg |

| | |
|---|---|
| **Skin corrosion/irritation** | May cause skin irritation. |
| **Serious eye damage/eye irritation** | Risk of serious damage to eyes. |
| **Respiratory sensitisation** | Not classified. |
| **Skin sensitisation** | No data available. |
| **Germ cell mutagenicity** | Not available. |
| **Carcinogenicity** | Not classified. |

**IARC Monographs. Overall Evaluation of Carcinogenicity**

| | |
|---|---|
| Triethanolamine (CAS 102-71-6) | 3 Not classifiable as to carcinogenicity to humans. |

| | |
|---|---|
| **Reproductive toxicity** | Not available. |
| **Specific target organ toxicity - single exposure** | Not available. |
| **Specific target organ toxicity - repeated exposure** | Not available. |
| **Aspiration hazard** | Not classified. |
| **Mixture versus substance information** | Not available. |
| **Other information** | Not available. |

## Section 12: Ecological information

**Toxicity**

| Components | Test results |
|---|---|
| Triethanolamine (102-71-6) | EC50 Water flea (Ceriodaphnia dubia): 565,2 - 658,3 mg/l 48 hours |
| | EC50 Water flea (Daphnia magna): 2038 mg/l 24 hours |
| | LC50 Fathead minnow (Pimephales promelas): 10610 - 13010 mg/l 96 hours |
| Sodium dodecylbenzenesulfonate (25155-30-0) | EC50 Water flea (Ceriodaphnia dubia): 3,26 - 14,51 mg/l 48 hours |
| | LC50 Rainbow trout,donaldson trout (Oncorhynchus mykiss): 3,2 - 5,6 mg/l 96 hours |
| Alcohols, C9-11, ethoxylated (68439-46-3) | EC50 Water flea (Daphnia magna): 2,9 - 8,5 mg/l 48 hours |
| | LC50 Fathead minnow (Pimephales promelas): 6 - 12 mg/l 96 hours |

**Persistence and degradability** No data available.

**Bioaccumulative potential** No data available.

**Mobility** The product is miscible with water. May spread in water systems.

**Environmental fate - Partition coefficient** No data available.

**Mobility in soil** Not available.

**Results of PBT and vPvB assessment** Not a PBT or vPvB substance or mixture.

**Other adverse effects** Not expected to be harmful to aquatic organisms.

## Section 13: Disposal considerations

**Waste treatment methods**

**Residual waste** Dispose of in accordance with local regulations.

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.

**EU waste code** 07 06 04*

**Disposal methods/information** Dispose of contents/container in accordance with local/regional/national/international regulations.

## Section 14: Transport information

**ADR**

The product is not covered by international regulation on the transport of dangerous goods.

**RID**

The product is not covered by international regulation on the transport of dangerous goods.

**ADN**

The product is not covered by international regulation on the transport of dangerous goods.

**IATA**

The product is not covered by international regulation on the transport of dangerous goods.

**IMDG**

The product is not covered by international regulation on the transport of dangerous goods.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** No information available.

## Section 15: Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU Regulations**

**Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I**

Not listed.

**Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II**

Not listed.

**Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V**

Not listed.

**Directive 96/61/EC concerning integrated pollution prevention and control (IPPC): Article 15, European Pollution Emission Registery (EPER)**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(1). Candidate List**

Not listed.

| | |
|---|---|
| **Other regulations** | The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended and respective national laws implementing EC directives. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006 as amended. |
| **National regulations** | Follow national regulation for work with chemical agents. |
| **Chemical safety assessment** | No Chemical Safety Assessment has been carried out. |

## Section 16: Other information

| | |
|---|---|
| **List of abbreviations** | DNEL: Derived No-Effect Level.<br>PNEC: Predicted No-Effect Concentration.<br>PBT: Persistent, bioaccumulative and toxic.<br>vPvB: Very Persistent and very Bioaccumulative. |
| **References** | Registry of Toxic Effects of Chemical Substances (RTECS) |
| **Information on evaluation method leading to the classification of mixture** | The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available. |
| **Full text of any statements or R-phrases and H-phrases under Sections 2 to 15** | R22 Harmful if swallowed.<br>R23 Toxic by inhalation.<br>R25 Toxic if swallowed.<br>R34 Causes burns.<br>R36 Irritating to eyes.<br>R38 Irritating to skin.<br>R41 Risk of serious damage to eyes.<br>R43 May cause sensitisation by skin contact.<br>R51 Toxic to aquatic organisms.<br>R53 May cause long-term adverse effects in the aquatic environment.<br>H301 - Toxic if swallowed.<br>H302 - Harmful if swallowed.<br>H314 - Causes severe skin burns and eye damage.<br>H315 - Causes skin irritation.<br>H317 - May cause an allergic skin reaction.<br>H318 - Causes serious eye damage.<br>H319 - Causes serious eye irritation.<br>H330 - Fatal if inhaled. |
| **Training information** | Follow training instructions when handling this material. |
| **Disclaimer** | This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment. |
| **Issue date** | 11-November-2011 |
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