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Last Revision Date: 03/06/2024
Superseded Date: 23/03/2021
Version Number: 02

SAFETY DATA SHEET

Product Code: WASHBOT250U

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SECTION 1 PRODUCT IDENTIFICATION

Product Name Livingstone Wash Bottle

SECTION 2 HAZARD IDENTIFICATION

No particular hazards known.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

PE

SECTION 4 FIRST AID MEASURES

General advice Remove contaminated clothing.

If inhaled If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

On skin contact Wash thoroughly with soap and water.

Note to physician Treatment: Treat according to symptoms (decontaminate antidote).

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing media water spray, dry extinguishing media, foam

Unsuitable extinguishing media for safety reasons carbon dioxide

Specific hazards harmful vapours
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Special protective equipment Wear a self-contained breathing apparatus.

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid dust formation. Use personal protective clothing.

Environmental precautions Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up For small amounts: Pick up with suitable appliance and dispose of.
For large amounts: Contain with dust binding material and dispose of.
Avoid raising dust.

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SECTION 7 HANDLING AND STORAGE

Handling	Protection against fire and explosion: Avoid dust formation. Take precautionary measures against static discharges.
Storage	Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment	
Respiratory protection	Suitable respiratory protection for lower concentrations or short-term effect: Particle filter EN 143 Type P2, medium efficiency, (solid and liquid particles of harmful substances).
Hand protection	Chemical resistant protective gloves (EN 374) e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other Manufacturer's directions for use should be observed because of great diversity of types.
Eye protection	Safety glasses with side-shields (frame goggles) (EN 166)
General safety and hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Due to the coloring properties of the product closed work clothes should be used, to avoid stains during manipulation.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Odour	odourless
Melting point	> 200 °C
Explosion hazard	not explosive
Density	2,14 g/cm ³ (20 °C)
Bulk density	approx. 400 kg/m ³
Solubility in water	insoluble
Solubility (quantitative)	0,07 mg/l

SECTION 10 STABILITY AND REACTIVITY

Conditions to avoid	Avoid humidity.
Hazardous reactions	No hazardous reactions if stored and handled as prescribed/indicated.
Hazardous decomposition products	No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11 TOXICOLOGICAL INFORMATION

LD50/oral/rat: > 5.000 mg/kg	
By inhalation	No mortality was observed.
Primary skin irritation/rabbit	non-irritant (Draize test)
Primary irritations of the mucous membrane/rabbit	non-irritant (Draize test)

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SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

Toxicity to fish:
Oncorhynchus mykiss/LC50 (96 h): 100 - 500 mg/l
Lepomis macrochirus/LC50 (96 h): > 500 mg/lMicroorganisms/Effect on activated sludge:
DIN 38412 Part 27 (draft)
EC10: > 10.000 mg/l

Persistence and degradability

Elimination information

Evaluation

Well eliminable from water by adsorption on activated sludge.

Assessment

The product is not very soluble in water and can thus be removed from water mechanically in suitable effluent treatment plants.

Other adverse effects

Adsorbable organically-bound halogen (AOX): approx. 50%
The product contains according to the formulation, organically bound halogen. It can increase the AOX-value in the water purification plants overflow or if it reaches waters.

Additional information

Other ecotoxicological advice:
The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

SECTION 13 DISPOSAL CONSIDERATIONS

Must be dumped or incinerated in accordance with local regulations.

Contaminated packaging:

Uncontaminated packs can be re-used.**Packs that cannot be cleaned should be disposed of in the same manner as the contents.**

SECTION 14 TRANSPORT INFORMATION

Not classified as hazardous under transport regulations.

SECTION 15 REGULATORY INFORMATION

The product does not require a hazard warning label in accordance with EC Directives.

SECTION 16 OTHER INFORMATION

Reason for Revision: To bring to date

END OF SDS

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