

SAFETY DATA SHEET
In conformity with Regulation (EC) 1907/2006 annex II

Trade name: SpiroPlus PowerCleaner
Revision dated: 07-10-2011

Version: 3

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product name:	SpiroPlus PowerCleaner
Application:	Agent for removing dirt from water-carrying systems.
Manufacturer:	Spirotech B.V. - Churchillaan 52 - 5705 BK Helmond, The Netherlands tel. +31 (0)492 - 57 89 89 during office hours 08:00 - 17:00 h
E-mail:	kam@spirotech.nl

Telephone number for emergencies	In case of emergencies contact the National Poisons Information Centre, tel. no.: +31 (0)30-2748888 (only to be reached in emergencies for treatment by a physician in case of suspicion of poisoning).
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2. IDENTIFICATION OF THE RISKS

This is a safe product. In most cases, no risks are to be expected. Minor inconveniences may occur.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

Blend of dispersants, chelant, wetting agent and inhibitors

4. MEASURES FOR FIRST AID

Skin contact	May cause mild irritation to areas of broken or sensitive skin. There may be mild discomfort and redness. Wash immediately with plenty of soap and water. If irritation develops or persists seek medical attention.
Eye contact	May cause mild irritation. Bathe the eye with running water for 15 minutes. Consult a doctor if symptoms persist.
Ingestion	May cause mild irritation of the throat. Wash out mouth with water and consult a doctor if symptoms persist
Inhalation	Not applicable under normal conditions of use. Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If symptoms develop seek medical attention.

5. FIRE-FIGHTING AGENTS

The product is non-flammable.

Fire-extinguishing agents	All common extinguishing agents can be used.
Special measures	Avoid inhaling smoke in case of fire and/or explosion.
Harmful combustion products	In combustion emits toxic fumes.
Protection for fire fighters	Wear respiratory protection using mobile compressed air (type: overpressure) and protective fireman's clothing, including helmet, boots and gloves.

6. MEASURES IN CASE OF ACCIDENTAL RELEASE OF THE SUBSTANCE OR THE PREPARATION

Personal precautions	See section 8 for personal protection.
Environmental precautions	Contain the spillage using bunding. Do not discharge into drains or rivers.
Cleaning methods	Immediately absorb into dry earth or sand and transfer to a suitable container. Wash away the residues with ample water.

7. HANDLING AND STORAGE

Handling	Observe the normal precautions for handling chemical substances. Avoid contact with skin and eyes. Avoid development of vapours.
Prevention of fire and explosion	No specific recommendations.
Storage requirements	Keep in properly closed plastic packaging in a ventilated room.

8. MEASURES FOR CONTROL OF EXPOSURE/PERSONAL PROTECTION

Technical control measures	Prevent development of vapours.
Respiration	Use respiratory protection equipment (P2SL or P3SL) in situations in which vapour development is unavoidable.
Hand/skin	Wear impenetrable gloves (latex and rubber gloves suffice).
Eyes and face	Wear safety goggles or acid goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Colourless to pale yellow
Odour	Slightly aromatic
Boiling point/range	No data available
Solidification point	No data available
Specific density	1.1 - 1.2 (20°C)
Vapour pressure	No data available
Rel. vapour density (air = 1)	No data available
pH	6,5 – 7,5

Solubility in water	Fully miscible
Viscosity	No data available
Flash point	No data available
Spontaneous ignition temperature	No data available
Explosion limits	No data available
Decomposition temperature	No data available

10. STABILITY AND REACTIVITY

Stability	Chemical stability: stable under normal handling and storage conditions.
Substances to be avoided	Strong oxidising agents. Strong acids
Hazardous decomposition products	In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	No data available
Short-term effects: Skin	May cause minor irritation of the skin.
Short-term effects: Swallow	May cause irritation of mouth/throat and gastrointestinal tract.
Short-term effects: Eyes	May cause irritation of the eyes.
Long-term effects	No long-term effects are known.

12. ECOLOGICAL INFORMATION

Mobility	The product is completely soluble in water. Readily adsorbed into soil.
Composition	No substances harmful to the environment are present.
Bio/accumulative potential	No bioaccumulation potential.
WGK	11 of 1??
Sanitation efforts	(The Netherlands): B

13 INSTRUCTIONS FOR DISPOSAL

Product disposal	Destroy the product in accordance with the national and local legal stipulations.
Waste disposal	The producer of the waste must evaluate his process himself and assign the appropriate waste code.

14. INFORMATION WITH RESPECT TO TRANSPORT

The product has not been classified for any type of transport.*

15. LEGALLY MANDATORY INFORMATION

This product does not need classification according to the EU criteria ('Dangerous Substances Directive' 67/548 EEC and 'Dangerous Preparation Directive' 1999/45/EC).*

16. OTHER INFORMATION

This safety data sheet has been drawn up in conformity with Annex II of the REACH directive (EC) 1907/2006. Classification has been calculated in accordance with the European Directive 67/548/EEC and 1999/45/EC with their respective amendments. This safety data sheet has been drawn up with the utmost care. However, we cannot accept any liability for damage of any nature resulting from the use of this data or of the product concerned. The user is responsible for taking the measures required for compliance with local law and regulations. The information only concerns the product mentioned and does not guarantee the quality and the completeness of the properties of the product nor if the product is used in combination with other products or in any other process. Prior to using this preparation for an experiment or a new application, the user should perform a material suitability and safety test him/herself.

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