



SAFETY DATA SHEET

AQUAVANTAGE 3887GD

according to EC Directive 2001/58/EC

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance/preparation	AQUAVANTAGE 3887GD
Revision Date	02-Jul-2008
Product number	431042
Manufacturer information	Brulin & Company, Inc. P.O. Box 270 Indianapolis, Indiana 46206 United States www.Brulin.com
General Information	CHEMTREC 1-703-527-3887

2. Hazards identification

Potential short term health effects

Eyes	Can cause severe eye irritation.
Skin	Contact causes skin irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	May cause temporary irritation of the throat, stomach, and gastrointestinal tract.

3. Composition/Information on Ingredients

Composition comments	For the full text of the R phrases mentioned in this Section, see Section 16. The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.
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4. First aid measures

Inhalation	Move to fresh air. Oxygen or artificial respiration if needed. Get medical attention immediately.
Skin contact	Wash off with soap and water. Launder contaminated clothing before reuse. Get medical attention if irritation develops or persists.
Eye contact	Immediately flush eyes with plenty of water for at least 20 minutes. Remove contact lenses. Get medical attention immediately.
Ingestion	Do not induce vomiting. Give victim water or milk. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention immediately.
General advice	If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting measures

Suitable extinguishing media	Dry chemical, CO2, water spray or regular foam.
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6. Accidental release measures

Methods for cleaning up	Never return spills in original containers for re-use. Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.
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7. Handling and storage

Handling	Handle and open container with care.
Storage	Keep container tightly closed. Keep at temperatures between 4 and 49°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection	No personal respiratory protective equipment normally required.
Hand protection	PVC disposable gloves. Impervious butyl rubber gloves. Neoprene gloves.
Eye protection	Avoid contact with eyes. Safety glasses. goggles or face-shield



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Skin and body protection

The glove(s) listed below may provide protection against permeation. Neoprene gloves. Impervious butyl rubber gloves. PVC or other plastic material gloves.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. Physical & chemical properties

Appearance	clear liquid
Boiling point	215 °F
Colour	Straw yellow
Density	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Flash point	> 215 °F Pensky-Martens Closed Cup
Form	Liquid.
Freezing point	Not available
Odour	mild
pH	11.5 - 11.9
Safety category	Not available
Solubility (H ₂ O)	100 %
Specific gravity	1.067
Vapour density	Not available
Vapour pressure	Not available
VOC (Weight %)	0 %

10. Stability and reactivity

Conditions to avoid	Do not freeze Avoid temperatures above 120°F (49°C).
Materials to avoid	Incompatible with strong acids and oxidising agents.
Hazardous decomposition products	Carbon monoxide and carbon dioxide. and nitrogen oxides (NO _x)
Stability	Stable at normal conditions.
Incompatibility	Incompatible with strong acids and oxidising agents.
Hazardous polymerisation	Will not occur.

11. Toxicological information

Acute toxicity	Acute LD50: 58917 mg/kg estimated, rat, Oral
Further information	This product has no known adverse effect on human health.

12. Ecological information

Ecotoxicity effects	This material is not expected to be harmful to aquatic life.
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13. Disposal considerations

Disposal instructions	Dispose in accordance with all applicable regulations. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.
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14. Transport information

ADR

Not regulated as dangerous goods.



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IMDG

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

ICAO

Not regulated as dangerous goods.

15. Regulatory information

International regulations

The product is classified and labelled in accordance with EC directives or respective national laws.

Labelling

R-phrase(s)

R36/38 Irritating to eyes and skin.

S-phrase(s)

S24/25 Avoid contact with skin and eyes.

S36/39 Wear suitable protective clothing and eye/face protection.

Water hazard class

WGK 1

16. Other information

Prepared date

02-Jul-2008 14:49:46

Superseded date

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release