

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>TRADE NAME</b> Recommended use	<b>WBF Wiedermann</b> Fire Fighting Foam Concentrate
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## 2. HAZARDS AND IDENTIFICATION

Health Hazards <ul style="list-style-type: none"> <li>● Main symptoms</li> </ul>	May cause mild irritation to eyes Tingling feeling
Physical and chemical hazards <ul style="list-style-type: none"> <li>● Fire or explosion</li> </ul>	Not flammable /
Specific risks	This product is not classified hazardous under European directive 1999/45/EC

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Characteristics Hazardous components	Aqueous solution of surfactants ButylDiGlycol Ether ( ButylCarbitol ) .....[1 - 5%] Xi ; R36 / CAS N° : 112-34-5 / EINECS 203-961-6 AlkylSulfate.....[< 1%] Xi; R36/38 Fluorosurfactants.....[< 1%] F; R10
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## 4. FIRST AID MEASURES

Skin contact	Wash off with water. Remove contaminated soaked clothing and rinse with water
Eye contact	Flush eye with plenty of water for at least 10 minutes maintaining open eyelids
Swallowing	Wash mouth with water. Seek medical advice
Inhalation	If there are any signs of nausea or sickness, seek medical advice

## 5. FIRE FIGHTING MEASURES

Extinguishing media	Fire fighting foam concentrate not flammable
Specific risks	Aqueous solution: does not present specific risk in the case of fire

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions Environmental protection	Wear impervious clothes, gloves and goggles Absorb onto sand or other absorbent material and shovel into container for disposal
<b>CLEANING MEASURES</b> <ul style="list-style-type: none"> <li>● Collecting</li> <li>● Cleaning</li> <li>● Disposal</li> </ul>	Pump into clearly identified unbreakable containers Wash thoroughly with water Incineration according to local regulations

## 7. HANDLING AND STORAGE

<b>HANDLING</b> <b>STORAGE</b> <ul style="list-style-type: none"> <li>● Technical measures</li> <li>● Storage conditions</li> <li>● Storage recommendations</li> </ul> <b>PACKAGING MATERIALS</b> <ul style="list-style-type: none"> <li>● Recommended</li> <li>● Not advised</li> <li>● Recommended sealing</li> </ul>	<p>Does not require specific technical equipment</p> <p>Storage area should contain accidental spill          Sealed containers in normal cool warehouse          Product in bulk: stainless steel, polyester or mild steel protected with epoxy or polyurethane coating. Tanks in PE, PP</p> <p>Polyethylene, Polypropylene, stainless steel          Mild steel, iron          Viton, Kevlar, Teflon</p>
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## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

<b>PERSONAL PROTECTIVE EQUIPMENT</b> <ul style="list-style-type: none"> <li>● Hand protection</li> <li>● Eye protection</li> <li>● Body protection</li> </ul> <b>HYGIENIC MEASURES</b>	<p>Impermeable gloves (PVC) if continual handling          Goggles          Working clothes          Eye washing solution and washer eye cup          DO NOT eat, drink or smoke while handling the product          Clean hands after working with any chemical products</p>
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<ul style="list-style-type: none"> <li>● Physical form</li> <li>● Colour / Odour</li> <li>● pH at 20°C</li> <li>● Freezing point</li> <li>● Boiling point</li> <li>● Flammability / oxidising / explosive properties</li> <li>● Specific gravity at 20°C</li> <li>● Solubility</li> </ul>	<p>Liquid          Yellow / Synthetic smell          7,0 +/- 1,0          -2<sup>0</sup>C          +100<sup>0</sup>C          None          1000 +/- 20 Kg/m<sup>3</sup>          Completely soluble in water</p>
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## 10. STABILITY AND REACTIVITY

Thermal decomposition Hazardous reactions	<p>Stable under normal conditions of use and storage          None expected in standard use</p>
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## 11. TOXICOLOGICAL DATA

Acute toxicity Local effects on the eye and skin	<p>Not classified as toxic if swallowed          Not irritating to eyes and skin</p>
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## 12. ECOLOGICAL DATA

<b>ENVIRONMENTAL BEHAVIOUR</b> <ul style="list-style-type: none"><li>• Biodegradation data</li><li>• Biodegradation rate</li><li>• Bio accumulative</li></ul>	COD = 50 g O <sub>2</sub> /l BOD <sub>5</sub> = 36 g O <sub>2</sub> /l = 72% after 5 days AKTIKEM 6 is readily biodegradable; foaming agent if discharged in water PerFluoroCompounds –PFCs- are persistent in the environment PFCs are suspected to bio accumulate in living beings
<b>ECOTOXICITY</b> <ul style="list-style-type: none"><li>• Aquatic life toxicity</li></ul>	Not expected to be toxic after dilution

## 13. DISPOSAL CONDITIONS

<b>PRODUCT</b> <ul style="list-style-type: none"><li>• Prohibition</li><li>• Disposal</li></ul>	Do not discharge in the environment <b>Small amounts of product do not interfere with water treatment facilities</b> <b>If released in sewage system accidentally, it is recommended to control a slow flow rate in order to avoid any excess foaming</b>
<b>PACKAGING</b> <ul style="list-style-type: none"><li>• Prohibition</li><li>• Cleaning</li><li>• Disposal</li></ul>	<b>Do not discharge in the environment</b> Rinse with plenty of water Incineration or an agreed method for package recycling

## 14. TRANSPORT INFORMATION

<b>INTERNATIONAL REGULATIONS</b> <ul style="list-style-type: none"><li>• Road – RID/ADR</li><li>• Sea – OMI/MDG</li><li>• Air – ICAO/IATA</li></ul>	Non hazardous Non hazardous Non hazardous
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## 15. REGULATORY INFORMATION

<b>LABELLING</b> <ul style="list-style-type: none"><li>• CE regulations</li><li>• Hazard symbol</li><li>• S phrases</li></ul>	Not classified / S20/21: When using do not eat, drink or smoke
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## 16. OTHER INFORMATION

Rules of drafting R Phrases as mentioned in section 3	This Safety Data Sheet complies with European directive 1907/2006EC Article 31 R36/38: Irritating to eyes and skin R10: Flammable
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Revised APRIL 2012