

Material Safety Data Sheet acc.to: 91/155/EWG	Page 1/3
Manufacturer/Supplier: RÜHL FEUERLÖSCHMITTEL GMBH	Date: 28.02.00
Trade Name: -RC 50-	revised: 19.01.00

1. IDENTIFICATION OF SUBSTANCE

Trade name: -RC 50-
Manufacturer/Supplier: RÜHL FEUERLÖSCHMITTEL GMBH
Hugenottenstr. 103
D-61381 Friedrichsdorf

Informing department (during business hours): Tel.: +49 6172 733-277 Dr. Reitz

2. COMPOSITION/DATA ON COMPONENTS

Chemical characterisation: Aqueous Fire extinguishing agent based on potassium salts.

Dangerous components: none

3. HAZARDS IDENTIFICATION

Due to the high concentration of salt temporary eye irritation may occur.

4. FIRST AID MEASURES

After skin contact: wash off with plenty of water. Remove contaminated clothing.
After eye contact: rinse out with plenty of water with the eye held wide open.
Summon eye specialist if necessary.
After ingestion: make victim drink plenty of water, summon doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: in adaptation to materials stored in the immediate neighbourhood.
Other information: Non combustible.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Avoid contact with eyes and mucous membrane.
Procedures for cleaning/collecting: Small quantities can be taken up by an absorbing agent.
Larger quantities shall be pumped off and be disposed according to existing laws.

7. HANDLING AND STORAGE

Handling: keep containers closed.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with critical values that require monitoring at the workplace:

General protective and hygienic measures: Keep away from foodstuffs and beverages.

Personal protective equipment:

Breathing equipment: not required upon appropriate use.

Protecting of hands: if required use gloves.

Eye protection: goggles recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid	Evaluation method:
Colour:	clear	
pH-value at 20 °C:	8-9	DIN ISO 787/9
Density at 20 °C:	appr. 1,28 g/ml at 20 °C	DIN 12793

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to avoid: no decomposition upon appropriate use.

Hazardous decomposition products: none known

11. TOXICOLOGICAL INFORMATION

Acute toxicity, oral (Rat):	LD ₅₀ > 2000 mg/kg
Skin contact:	irritates skin and mucous membranes.
Eye contact:	irritant.

12. ECOLOGICAL INFORMATION

No ecological problems are to be expected when the product is handled and used with due care and attention.

13. DISPOSAL CONSIDERATIONS

Product: there are no harmonised regulations on the disposal in the member states of the EU. Please contact the competent body (authority or waste disposal company) where you will obtain information on disposal.

Packing: Recommendation: Evacuate completely before delivering to a recycling company.

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14. TRANSPORT INFORMATION

Not subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

R-Phrases ..

S-Phrases ..

Water pollution class (Germany) 1 slightly polluting substance

16. OTHER INFORMATION

Product described in this safety data sheet may only be used for fire extinguishing purposes.

The data are based on our current knowledge.

However, they shall not constitute a guarantee for any specific product properties.

Existing laws and regulations have to be observed by the consignee in his own responsibility.