

MSA AUER FSR W65

D050020901

Revision no. : 2,00

Revision date : 13.05.2009

Print date : 13.05.2009

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

Identification of the substance or
preparation:

MSA AUER FSR W65

Use of the substance/preparation:

Respiratory protection

Company/undertaking identification

Company name:

MSA AUER GmbH

Street:

Thiemannstrasse 1

Place:

D-12059 Berlin

Telephone:

++49-30-6886-0

Telefax:

++49-30-6886-1558

Emergency telephone:

1-800-255-3924 USA/CDN

++1-813-248-0585 internat.

Further Information

Apply Safety data sheet to the following products:

Part-No.	Product name
10064638	FSR W65-2 with belt loop
10064638CIS	FSR W65-2 with belt loop
D1035701	W65-2 Filter Self-rescuer
D1090701	W65 (AUS) Filter Self-rescuer
D1090703	W65 (USA) Filter Self-rescuer
D1090705	W65 (Spain) Filter Self-rescuer
D1090997	W65 Filter Pot, completely (India)

2. Hazards identification

Classification:

As an article the product does not need to be labelled in accordance with EC-directives or respective national laws.

Explication of special hazards for
human health and environment:

In case of release of the activated carbon: The exotherm reaction to results from strong oxidizer. Harmful if swallowed.
During release of hopcalite: Harmful if swallowed.

3. Composition/information on ingredients

Chemical characterization:

(Mixture)

Article, contains: impregnated activated charcoal, hopcalite.

Hopcalite: see own safety data sheet.

Impregnated activated charcoal contains: lithium bromide, calcium bromide

Further Information:

No harmful substances will be released in case of normal use.

4. First aid measures

General information:

In case of release of the activated carbon: Remove soiled clothing.

After inhalation:

During release of hopcalite: Remove soiled clothing.

In case of release of the activated carbon: Move to fresh air.

During release of hopcalite: Move to fresh air.

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After contact with skin:

In case of release of the activated carbon: Wash off with soap and water.

After contact with eyes:

During release of hopcalite: Wash off with soap and water.

In case of release of the activated carbon: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

During release of hopcalite: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion:

During release of hopcalite: Drink water immediately. Induce vomiting immediately and call a physician.

In case of release of the activated carbon: Drink water immediately. Induce vomiting immediately and call a physician.

5. Fire-fighting measures

Suitable extinguishing media:

foam, water spray mist

Extinguishing media which must not be used for safety reasons:

High volume water jet.

Special protective equipment for fire-fighters:

In the event of fire, wear self-contained breathing apparatus. Hopcalite (manganese oxide) : Contact with water or heating causes the release of oxygen. Oxidising properties

6. Accidental release measures

Environmental precautions:

None under normal use.

Methods for cleaning up/taking up:

None under normal use.

In case of release of the activated carbon: Mop up whilst dry. Avoid dust formation. Wear protective clothing, in order to avoid eye and skin contact as far as possible. No fabric gloves use.

During release of hopcalite: Mop up whilst dry. Avoid dust formation. respirator mask with particlefilters P2 or P3. Wear protective clothing, in order to avoid eye and skin contact as far as possible.

The release of the particlefilters. Do not damage the particle filters. Avoid dust formation.

Additional information:

No fabric gloves use.

7. Handling and storage

Handling

Advice on safe handling:

Regarding device specific instruction.

Storage

Requirements for storage rooms and vessels:

Regarding device specific instruction. Keep in a dry, cool place.

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8. Exposure controls/personal protection

Exposure limit values

Exposure limits (EH40)

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
7440-50-8	Copper, dusts and mists (as Cu)	-	1		TWA (8 h)	WEL
		-	2		STEL (15 min)	WEL
7440-44-0	Graphite, inhalable dust	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
	- Manganese and its inorganic compounds	-	0,5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

Exposure controls

9. Physical and chemical properties

General information

Physical state: 1) + 2): granular
Colour: 1) : black, 2): brown
Odour: 1) + 2): none

Important health, safety and environmental information

Test method

pH-Value: 1) +2): n.a.

Changes in the physical state

Melting point: 1) +2): n.a. °C
Boiling point: 1) +2): n.a. °C
Flash point: 1) +2): n.d. °C
Density: 1): 300 - 700 g/cm³
Water solubility: 1) + 2): practically not soluble

Auto-ignition temperature
Solid: 1): > 500 °C

Ignition temperature: 2): n.d. °C

Other information: 1) = activated carbon
2) = hopcalite

10. Stability and reactivity

Materials to avoid: Avoid contact with strong oxidising agents (for example ozone, potassium permanganate).

11. Toxicological information

Acute toxicity: Activated carbon: No data available.
Hopcalite: No data available.

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12. Ecological information

Ecotoxicity:

No data is available on the product itself.

Other adverse effects:

During release of hopcalite:

Contains copper oxide. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information:

During release of hopcalite: May not end up in waste water or open waters. Avoid subsoil penetration.

13. Disposal considerations

**Recommendation Waste disposal
number of waste from residues/unused
products:**

150202

WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; absorbents, filter materials, wiping cloths and protective clothing; absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
Classified as hazardous waste.

Recommendation :

150202

WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; absorbents, filter materials, wiping cloths and protective clothing; absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
Classified as hazardous waste.

14. Transport information

Further Information

Not classified as dangerous regarding transport regulations.

15. Regulatory information

Labelling

Additional advice on labelling:

As an article the product does not need to be labelled in accordance with EC-directives or respective national laws.

National regulatory information

16. Other information

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Further Information:

The information is based on present levels of our knowledge.
It does not, however, give assurances of product properties
and establishes no contract legal rights.
The product is to be used exclusively for the applications
named in the technical leaflet or in the processing instructions.
The receiver of our product is singularly responsible for
adhering to existing laws and regulations.

n.a. = not applicable

n.d. = not determined

Changes:

Sections which have been changed in comparison to the
preceding edition: 1, 2, 9, 15

*(The data for the hazardous ingredients were taken respectively from the last version of the
sub-contractor's safety data sheet.)*