

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : Standard dye orange 23
Basic colour for through-colouring
Revision : 10.05.2010 Version : 2.0.0
Print date : 26.07.2010

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

Product name
Standard dye orange
Basic colour for through-colouring

Use of the substance / preparation
Colouring agent for colouring wax mixtures

Manufacturer/Supplier
EXAGON AG

Street/P.O.Box
Bernerstrasse Nord 210

Country code/Postal code/Town/City
CH-8064 Zurich

Telephone / Telefax
0041 (0)44 430 36 76 / 0041 (0)44 430 36 66

E-Mail
info@exagon.ch

02. Hazards identification

Hazard designation
Irritating to eyes, respiratory system
and skin. Classification : Xi ; R
36/37/38

03. Composition/information on ingredients

Hazardous components
Additiv
Percentage : 25 - 50 %
Classification 67/548/EEC : Xi ; R36/37/38
For the wording of the listed risk phrases refer to section 16.

04. First-aid measures

After skin contact
Immediately remove all contaminated clothing. Flush with plenty of water. Do NOT use solvents or thinners. In all cases of doubt, or when symptoms persist, seek medical attention.

After eye contact
Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

After ingestion
Do not induce vomiting. Keep at rest. Contact a doctor immediately.

5. Fire-fighting measures

Suitable extinguishing media

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Water haze. Carbon dioxide. Sand, foam, CO₂, dry extinguisher.

Unsuitable extinguishing media

Waterjet.

Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Special protective equipment

Appropriate breathing apparatus may be required.

Additional information

Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

06. Accidental release measures

Personal precautions

Provide for sufficient ventilation. Do not inhale the vapour. Refer to protective measures listed in sections 7 and 8.

Environmental precautions

Do not empty into drains.

Methods for cleaning up/collecting

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

07. Handling and storage

Information for safe handling

Normal precautions taken when handling chemicals should be observed. Avoid contact with skin and eyes. Do not eat or drink during work - no smoking. Comply with the health and safety at work laws.

Information about protection against explosions and fires

Take precautionary measures against static discharges.

Information about separation of incompatible products

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

Further information about storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep at temperature not exceeding 30°C (to be specified by the manufacturer).

Storage class (VCI) : 11

Specific uses

Colouring agent for colouring wax mixtures

08. Exposure controls/personal protection

Additional information about engineering measures

Provide for sufficient ventilation.

Personal protective equipment

Hand protection

Use protective gloves. After washing hands replace lost skin fat by fat containing skin creams.

Eye protection

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Use safety glasses.

Body protection

Wash away with soap and water and rinse.

09. Physical and chemical properties

Relevant safety data

Boiling point / range :	(1013 hPa)	not applicable	
Flash point :		> 150 °C	Brookfield
Vapour pressure :	(50 °C)	< 10 hPa	
Density :	(20 °C)	< 1 g/cm ³	
Solvent-separation test :	(20 °C)	not applicable	
Flow time :	(20 °C)	not applicable	DIN-cup 4 mm

10. Stability and reactivity

Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

Materials to avoid

None known.

Hazardous decomposition products

None known.

11. Toxicological information

According to our experience no damage to health has appeared even in case of long lasting contact.

12. Ecological information

Additional ecological information

General ecological information

Do not empty into waters or drains.

13. Disposal considerations

Product

In accordance with local official regulations. Pass on to an appropriate waste dump.

Contaminated packaging

Remove according to regulations.

14. Transport information

Land transport ADR/RID

Classification

Class : -

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : -

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Air transport ICAO-TI and IATA-DGR

Classification

Class : -

15. Regulatory information

Labelling (67/548/EEC or 1999/45/EC)

Danger symbol and danger designation



Xi ; Irritant

R-phrases

36/37/38 Irritating to eyes, respiratory system and skin.

S-phrases

51 Use only in well-ventilated areas.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
24/25 Avoid contact with skin and eyes.

National regulatory information

Water pollution classification

Class : 1 according VwVwS

16. Other information

Further information

The details in this material safety data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 1 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

Relevant changes

03. Hazardous components 08. References to the thresholds 15. Danger symbol and danger designation 15. R-phrases 15. S-phrases

R-Phrases of components

36/37/38 Irritating to eyes, respiratory system and skin.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.