

Shorr solution**361100****1. Identification of the product and the company**

Trade name : Shorr solution.
Use : For professional use only.
Company identification : REACTIFS RAL S.A.
Site Montesquieu
33651 MARTILLAC CEDEX France
Tel : +33 (0) 5 57 96 04 04 Fax : +33 (0) 5 57 96 04 05
www.reactifs-ral.fr

2. Information on ingredients

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS nr	EINECS nr	EC index	Classification
Ethanol	: ca 50 %	64-17-5	200-578-6	603-002-00-5	F; R11
Orangé G	: ca 1 %	1936-15-8	217-705-6	-----	
Fast green FCF	: ca 1 %	2353-45-9	219-091-5	-----	
Acetic acid	: < 1 %	64-19-7	200-580-7	607-002-00-6	R10 C; R35

3. Hazards identification

Main hazards : Flammable.
Primary route of exposure : Skin and eyes contact. Vapours inhalation.
Symptoms relating to use
- **Inhalation** : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- **Skin contact** : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- **Eye contact** : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- **Ingestion** : No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion. Must not come into contact with food or be consumed.

4. First aid measures

First aid
- **Inhalation** : If you feel unwell, seek medical advice.
- **Skin contact** : Rinse with water. Seek medical attention if ill effect develops.
- **Eye contact** : Rinse with water. Seek medical attention if ill effect develops.
- **Ingestion** : Rinse mouth. Seek medical attention if ill effect develops.

Shorr solution**361100****5. Fire - fighting measures**

- Flammable class** : Flammable.
- Prevention** : Keep away from sources of ignition. No smoking.
- Extinguishing media** : Powder. Carbon dioxide. Use extinguishing media appropriate for surrounding fire.
- Special exposure hazards** : When mixed with air and exposed to ignition source, can burn in open air or explode if confined.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire.

6. Accidental release measures

- Personal precautions** : Wear suitable respiratory equipment. Equip cleanup crew with proper protection.
- Environmental precautions** : Prevent entry to sewers and public waters.
- After spillage and/or leakage** : Remove ignition sources. Clean up any spills as soon as possible, using an absorbent material to collect it. Dispose in a safe manner in accordance with local/national regulations.

7. Handling and storage

- General** : Store and handle as though always a serious potential fire/explosion. Keep away from sources of ignition - No Smoking.
- Handling** : Handle in accordance with appropriate industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Keep away from food, drink and animal feeding stuffs. When using do not smoke.
- Storage** : Keep bottles closed when not in use. Store in dry, cool, well-ventilated area. Keep away from heat.

8. Exposure controls / personal protection**Personal protection**

- **Respiratory protection** : In case of insufficient ventilation, wear suitable respiratory equipment.
- **Hand protection** : Gloves.
- **Skin protection** : Wear suitable protective clothing.
- **Eye protection** : Safety glasses.
- **Ingestion** : When using, do not eat, drink or smoke.
- Industrial hygiene** : Provide good ventilation in process area to prevent formation of vapour. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

9. Physical and chemical properties

- Physical state** : Liquid.
- Colour** : Black with purple tints.
- Density** : 0.935

Shorr solution**361100****10. Stability and reactivity**

- Physico-chemical stability** : Stable in normal temperature and pressure conditions.
Hazardous reactions : May release flammable gases.
Hazardous properties : In use, may form flammable/explosive vapour-air mixture.
Conditions to avoid : Open flame. Overheating. Sparks.

11. Toxicological information

- Toxicity information** : No data available.

12. Ecological information

- Ecological effects information** : Avoid discarding in the environment.
LC50-96 Hour - fish [mg/l] : No data available.
48 Hour-EC50 - Daphnia magna [mg/l] : No data available.
IC50 72h Algae [mg/l] : No data available.

13. Disposal considerations

- Disposal** : Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.

14. Transport information**Hazard Label(s)**

- Proper shipping name** : FLAMMABLE LIQUID, N.O.S.
- UN No. : 1993
- H.I. nr : : 30
- ADR/RID : Class : 3
- Packing group : Group : III

15. Regulatory information

- Symbol(s)** : None.
R Phrase(s) : R10 - Flammable.
S Phrase(s) : None.

16. Other information

- Further information** : Product intended for professional use only.

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC.

DISCLAIMER OF LIABILITY

This sheet completes the technical sheet but does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith.

The attention of the user is drawn to the risks possibly incurred by using the product for other any purpose than for which it was intended.



MATERIAL SAFETY DATA SHEET

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This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product.

The mandatory regulations mentioned are only intended to help the user to fulfil his obligations regarding the use of hazardous products.

This listing must not be considered exhaustive. It does not exonerate the user from ensuring that other legal obligations than those mentioned do not exist, relating to the use and storage of the product for which he solely is responsible.

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