



SAFETY DATA SHEET
FLAG CRUISING ANTIFOULING

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Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: FLAG CRUISING ANTIFOULING
Company name: FLAG Paints Ltd
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2. HAZARDS IDENTIFICATION

Main hazards: Flammable. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ROSIN 1-10%
EINECS: 232-475-7 CAS: 8050-09-7
[Sens.] R43

- ZINC OXIDE 1-10%
CAS: 1314-13-2
[N] R50/53
- COPPER (I) OXIDE 10-30%
EINECS: 215-270-7 CAS: 1317-39-1
[Xn] R22; [N] R50/53
- LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. 10-30%
EINECS: 265-199-0 CAS: 64742-95-6
[T] R46; [Xn] R65; [-] R10; [Xi] R37; [N] R51/53

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be vomiting.

[cont...]

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- Skin contact:** Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Give 1 cup of water to drink every 10 minutes. Do not induce vomiting. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Dry chemical powder. Alcohol or polymer foam. Carbon dioxide.
- Exposure hazards:** Flammable.
- Protection of fire-fighters:** Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Refer to section 8 of SDS for personal protection details.
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean-up procedures:** Contain spillage with sand or earth, sweep up and dispose of in accordance with a recognised method of waste disposal.

7. HANDLING AND STORAGE

- Handling requirements:** Ensure there is sufficient ventilation of the area.
- Storage conditions:** Store in cool, well ventilated area. Keep away from sources of ignition.
- Suitable packaging:** Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Workplace exposure limits**

- WEL (8 hr TWA):** 100
- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** Gas/vapour filter, type A: organic vapours (EN141).
- Hand protection:** Nitrile gloves. Viton gloves.
- Eye protection:** Safety goggles.
- Skin protection:** Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Odour:** Aromatic
- Viscosity:** Non-viscous
- Viscosity value:** 6.0
- Viscosity test method:** Kinematic viscosity in 10-6 m²/s at 40°C (ISO 3104/3105)
- Boiling point/range°C:** 200
- Flash point°C:** 42

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IPR RAT LD50 240 mg/kg

ORL MUS LD50 7950 mg/kg

- COPPER (I) OXIDE

IPR MUS LD50 380 mg/kg

ORL RAT LD50 470 mg/kg

- LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM),
LIGHT AROM.

ORL RAT LD50 8400 mg/kg

Chronic toxicity: Danger of cumulative effects if swallowed.**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Mobility:** Volatile. Insoluble in water.**Persistence and degradability:** Biodegradable.**Bioaccumulative potential:** Bioaccumulation potential.**Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms. Toxic to flora.**13. DISPOSAL CONSIDERATIONS****Disposal operations:** Disposal in accordance with local authority regulations.

R1 Solvent reclamation/regeneration.

Disposal of packaging: Dispose of as normal industrial waste.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****UN no:** 1263**Packing group:** III**ADR Class:** 3**Classification code:** F1

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Shipping name: PAINT**Labelling:** 3**Hazard ID no:** 30**IMDG / IMO****UN no:** 1263**Class:** 3**Packing group:** III**EmS:** 3-05**Marine pollutant:** .**Labelling:** 3**IATA / ICAO****UN no:** 1263**Class:** 3**Packing group:** III**Packing instructions:** 309(P&CA); 310(PAO)**Labelling:** 3**15. REGULATORY INFORMATION****Hazard symbols:** Dangerous for the environment.

Harmful.

**Risk phrases:** R10: Flammable.

R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

Safety phrases: S24: Avoid contact with skin.

S37: Wear suitable gloves.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Haz. ingredients (label): ROSIN; ZINC OXIDE; COPPER (I) OXIDE; LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to

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the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.3: R43: May cause sensitisation by skin contact.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R22: Harmful if swallowed.
R46: May cause heritable genetic damage.
R65: Harmful: may cause lung damage if swallowed.
R10: Flammable.
R37: Irritating to respiratory system.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

