

SAFETY DATA SHEET

RAVEN

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Issued: 01/08/2008

Revision No: 2

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

Product name: RAVEN

Product code: 711

Use of substance / preparation: 711 : A low odour solvent based dressing to produce a new look satin finish on tyres

Company name: Clover Chemicals Ltd

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2. HAZARDS IDENTIFICATION

Main hazards: Flammable. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: NAPHTHA (PETROLEUM), HYDROTREATED HEAVY 70-90%

EINECS: 265-150-3 CAS: 64742-48-9

[-] R10; [Xn] R65; [-] R66

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 soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray. Carbon dioxide.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Absorb into dry earth or sand.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area.

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Steel drums. Aluminium containers. Stainless steel. Teflon. Glass.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Gloves (solvent-resistant).

Eye protection: Safety glasses.

Skin protection: Solvent resistant protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Barely perceptible odour

Evaporation rate: Moderate

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Boiling point/range°C: >160

Melting point/range°C: <0

Flash point°C: 40

Relative density: 0.82

VOC g/l: 707

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Flames. Sources of ignition.

Materials to avoid: Oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: NAPHTHA (PETROLEUM), HYDROTREATED HEAVY
ORL RAT LD50 >5000 mg/kg

12. ECOLOGICAL INFORMATION

Mobility: Volatile. Insoluble in water.

Bioaccumulative potential: No bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS

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: 1268	ADR Class: 3
Packing group: III	Classification code: F1
Shipping name: PETROLEUM PRODUCTS, N.O.S. (NAPHTHA (PETROLEUM), HYDROTREATED HEAVY)	
Labelling: 3	Hazard ID no: 30

**IMDG / IMO**

UN no: 1268	Class: 3
Packing group: III	EmS: F-E,S-E
Marine pollutant: NO	
Labelling: 3	

IATA / ICAO

UN no: 1268	Class: 3
Packing group: III	
Packing instructions: 309(P&CA); 310(CAO)	

Labelling: 3

15. REGULATORY INFORMATION**Hazard symbols:** Harmful.**Risk phrases:** R10: Flammable.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

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

S2: Keep out of the reach of children.

Haz. ingredients (label): NAPHTHA (PETROLEUM), HYDROTREATED HEAVY**Seveso II guideline:** No**Water hazard class:** 1 Classification by VwVwS**Air emission directive:** Class: III Item no: 5.2.5 Amount m%: 82.5**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 the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.**16. OTHER INFORMATION****Other information:** This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

5 LTR ; LIMITED QUANTITY FOR ADR

Risk phrases used in s.3: R10: Flammable.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

Legal disclaimer: According to 1907/2006/EC, Article 31 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.

