

SAFETY DATA SHEET

C R SOLVENT

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

Product name: C R SOLVENT

Use / description of product: Cleaning solvent/thinners.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient 1: XYLENE 60-90%

CAS: 1330-20-7

EINECS: 215-535-7

[-] R10; [Xn] R20/21; [Xi] R38;

Ingredient 2: ISOBUTYL ACETATE 10-30%

CAS: 110-19-0

EINECS: 203-745-1

[F] R11; [Xi] R66;

3. HAZARDS IDENTIFICATION

Main hazards: Highly flammable. Irritating to skin. Harmful by inhalation and in contact with skin.
Repeated exposure may cause skin dryness or cracking.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. Corneal burns may occur.

Ingestion: Nausea and stomach pain may occur. There may be vomiting. There may be loss of consciousness. Convulsions may occur.

Inhalation: Inhalation of high levels of vapour may cause upper respiratory tract irritation. Prolonged inhalation of vapour may cause drowsiness, dizziness, or headache. There may be loss of consciousness.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash with soap and water. Seek medical advice if irritation develops.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. If

[cont...]

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unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

Exposure hazards: Highly flammable. In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. If inside, transfer outside of building in suitable containers. Ensure good ventilation and allow residues to evaporate.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Smoking is forbidden. Take precautionary measures against static discharges. Use non-sparking tools.

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition. Xylene OEL: 50ppm (8H TWA); 100ppm (15min STEL)(Sk). Isobutyl Acetate OEL: 150ppm (8h TWA); 187ppm (15 min STEL)(Sk). (Sk = can be absorbed through the skin).

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC. Ensure safety shower is to hand.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

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Odour: Characteristic odour

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Flammability limits %: lower: 1.1

upper: 12

Flash point°C: 21

Relative density: 0.9

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Sources of ignition.

Materials to avoid: Oxidising agents. Reducing agents.

11. TOXICOLOGICAL INFORMATION

Effects of exposure Exposure to high levels of vapour may cause drowsiness, dizziness, nausea, headaches, vomiting. Prolonged contact with skin may cause irritation leading to dermatitis in extreme cases. May cause eye irritation.

Ingredient 2: ISOBUTYL ACETATE
ORL RAT LD50 13400mg/kg

12. ECOLOGICAL INFORMATION

Mobility: Insoluble in water. Floats on water.

Other adverse effects: Should not be discharged directly in concentrated form to water courses.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Transfer to waste solvent drum for collection by specialist disposal company.

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

ADR Class: 3

Hazard ID no: 33

Labelling: 3

Shipping name: PAINT RELATED MATERIAL

IMDG / IMO

UN no: 1263

Class: 3.2

Packing group: II

EmS: 3-05

Marine pollutant: NO

Labelling: 3

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IATA / ICAO

UN no: 1263**Class:** 3**Packing group:** II**Packing instructions:** 307**Quantity** 60 L**Labelling:** 3

15. REGULATORY INFORMATION

Hazard symbols: Highly flammable.

Harmful.

**Risk phrases:** R11: Highly flammable.

R38: Irritating to skin.

R20/21: Harmful by inhalation and in contact with skin.

R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S2: Keep out of the reach of children.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour/spray.

S24: Avoid contact with skin.

S36/37: Wear suitable protective clothing and gloves.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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. ADDITIONAL INFORMATION

Additional information: "Contains Xylene" should be noted on the label. This product belongs to Hazard Groups B and S under the HSE COSHH Essentials guidelines (Publication HSG193). Always use in accordance with manufacturer's directions.**Risk phrases used in s.2:** R10: Flammable.

R20/21: Harmful by inhalation and in contact with skin.

R38: Irritating to skin.

R11: Highly flammable.

R66: Repeated exposure may cause skin dryness or cracking.

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.