

SAFETY DATA SHEET

RIZISTAL CL500

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Compilation date: 03/09/2015

Revision date: 16/05/2017

Revision No: 3

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: RIZISTAL CL500

REACH registered number(s): 01-2119486136-34

CAS number: 90989-38-1

EINECS number: 292-694-9

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Industrial Solvent

1.3. Details of the supplier of the safety data sheet

Company name: John L Lord & Son Ltd.

Unit 4

Park 66

Bury

Lancashire

BL9 8RZ

United Kingdom

Tel: +44 (0)161 764 4617

Fax: +44 (0)161 763 1873

Email: derrickhulett@john-lord.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315; Acute Tox. 4: H312; Acute Tox. 4: H332; Flam. Liq. 3: H226; Asp. Tox. 1: H304

Most important adverse effects: Flammable liquid and vapour. Harmful in contact with skin. Causes skin irritation.
Harmful if inhaled. May be fatal if swallowed and enters airways.

2.2. Label elements

Label elements:

Hazard statements: H226: Flammable liquid and vapour.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H304: May be fatal if swallowed and enters airways.

[cont...]

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Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark
GHS08: Health hazard



Signal words: Danger

Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.
P312: Call a POISON CENTRE or doctor if you feel unwell.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P262: Do not get in eyes, on skin, or on clothing.
P273: Avoid release to the environment.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P331: Do NOT induce vomiting.
P309+P311: IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

2.3. Other hazards

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

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: XYLENE

CAS number: 90989-38-1

EINECS number: 292-694-9

REACH registered number(s): 01-2119486136-34

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor if skin irritation continues

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention promptly if symptoms occur after washing.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor. Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention.

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Inhalation: In high concentrations, vapours are anaesthetic and may cause headache, fatigue, dizziness and central nervous system effects. Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: Harmful in contact with skin. Irritating to skin.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: Swallowing concentrated chemical may cause severe internal injury. May cause nausea, headache, dizziness and intoxication. Diarrhoea.

Inhalation: Harmful by inhalation. Upper respiratory irritation. Central nervous system depression.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable. No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Carbonyl compounds. Oxides of: Carbon.

5.3. Advice for fire-fighters

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

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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. Take precautionary measures against static discharges. Avoid personal contact. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the

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Environmental

Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Do not use equipment in clean-up procedure which may produce sparks. Absorb with inert, damp, non-combustible material, then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Provide good ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep containers tightly closed. Keep in original container. Keep away from heat, sparks and open flame.

Suitable containers: Stainless steel.

Storage Class

Flammable liquid storage.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): Industrial Solvent

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	50 ppm(Sk)	220 mg/m ³ (Sk)	100 ppm(Sk)	441 mg/m ³ (Sk)

Hazardous ingredients:

XYLENE

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Workplace exposure limits:

State	8 hour TWA	15 min. STEL	Respirable dust: 8 hour TWA	15 min. STEL
UK	220 mg/m ³	441 mg/m ³	-	-

Respirable dust:

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

Respiratory protection: If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection: Impermeable gloves.

Eye protection: Safety goggles.

Skin protection: Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Aromatic

Evaporation rate: 15 (EtEt=1)

Solubility in water: Insoluble

Viscosity: 0.75

Boiling point/range°C: 136 - 144

Melting point/range°C: -95 - 13

Flammability limits %: lower: 1

upper: 7

Flash point°C: >23

Part.coeff. n-octanol/water: 3.2 (N-Octanol/Water)

Autoflammability°C: >432

Vapour pressure: 50 mbar 37.8

9.2. Other information

Other information: Mol. Weight 106

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: No data available.

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10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Hydrocarbons - halogenated

10.6. Hazardous decomposition products

Haz. decomp. products: Carbonyl compounds. Oxides of: Carbon.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	3523	mg/kg
DERMAL	RBT	LD50	12126	mg/kg
Inhalation	RBT	4H LC50	27000	mg/l

Hazardous ingredients:

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Harmful in contact with skin. Irritating to skin.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: Swallowing concentrated chemical may cause severe internal injury. May cause nausea, headache, dizziness and intoxication. Diarrhoea.

Inhalation: Harmful by inhalation. Upper respiratory irritation. Central nervous system depression.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: Target Organs

Central nervous system Liver Kidneys

[cont...]

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Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
FISH	96H LC50	>10000	mg/l
ALGAE	72H IC50	2.2	mg/l
Daphnia magna	48H EC50	1.0	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation Factor BCF 25.9

Partition Coefficient 3.2

12.4. Mobility in soil

Mobility: Insoluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: General Information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste

Disposal Authority. Do not puncture or incinerate even when empty. Rags and the like, moistened with flammable liqui

Disposal of packaging: Dispose of waste and residues in accordance with local authority requirements.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

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14.1. UN number

UN number: UN1307

14.2. UN proper shipping name

Shipping name: XYLENES

14.3. Transport hazard class(es)

Transport class: 3: Flammable liquids

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: EMS F-E, S-D

Emergency Action Code 3Y

Hazard No. (ADR) 30

Tunnel code: (D/E)

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H332: Harmful if inhaled.

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.