



## SAFETY DATA SHEET

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product name: REACTIVATING SOLVENT  
Product code: CM500

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

#### 1.3 Details of the supplier of the safety data sheet

Company name: FOENIX CODING LTD  
Hilltop Farm – The Barns  
Lyne lane, Lyne  
Chertsey  
KT16 0AW – Surrey – UK

Tel: +44 (0) 1932 701 449

Email: sales@foenixcoding.com

#### 1.4 Emergency telephone number

Emergency tel: +44 (0) 1932 701 449

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification under CHIP: F: R11; Xi: R36; -: R67  
Classification under CLP: STOT SE 3: H336; Eye Irrit. 2: H319; Flam. Liq. 2: H225  
Most important adverse effects: Highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

#### 2.2 Label elements

##### Label elements under CLP:

Hazard statements: H225: Highly flammable liquid and vapour.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.

Signal words: Danger

Hazard pictograms: GHS02: Flame  
GHS07: Exclamation mark





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**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312: Call a POISON CENTRE or doctor if you feel unwell.  
P370+378: In case of fire: Use CO<sub>2</sub>, FOAM, DRY POWDER for extinction.

**Label elements under CHIP:**

**Hazard symbols:** Highly flammable.  
Irritant.



**Risk phrases:** R11: Highly flammable.  
R36: Irritating to eyes.  
R67: Vapours may cause drowsiness and dizziness.

**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**

**3.2 Mixtures**

PROPAN-2-OL

200-661-7	67-63-0	F: R11; Xi: R36; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	30-50%
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**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. Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.  
**Ingestion:** Wash out mouth with water. Consult a doctor.  
**Inhalation:** 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:** There may be irritation and redness at the site of contact.  
**Eye contact:** There may be irritation and redness. The eyes may water profusely.  
**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. Exposure may cause coughing or wheezing.  
**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:** Eye bathing equipment should be available on the premises.



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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Extinguishing media:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

### 5.2 Special hazards arising from the substance or mixture

**Exposure Hazards:** Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

### 5.3 Advice for firefighters

**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. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. 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. Eliminate all sources of ignition.

### 6.2 Environmental precautions

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

### 6.3 Methods and materials for containment and cleaning up:

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

### 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 direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

### 7.2 Conditions for safe storage, including any incompatibilities:

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Steel drums. Stainless steel. Polyethylene.

### 7.3 Specific end use(s)

**Specific end use(s):** PC9a: Coatings and paints, thinners, paint removers.



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## 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	999 mg/m <sup>3</sup>	1250 mg/m <sup>3</sup>	-	-

### DNEL/PNEC Values

#### CM500 THINNER/CLEANER

Type	Exposure	Value	Population	Effect
DNEL	Dermal	888 mg/kg/day	Workers	Systemic
DNEL	Inhalation	500 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	319 mg/kg/day	Consumers	Systemic
DNEL	Inhalation	89 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Oral	26 mg/kg/dsy	Consumers	Systemic
PNEC	Fresh water	140.9 mg/l	-	-
PNEC	Marine water	140.9 mg/l	-	-
PNEC	Fresh water sediments	552 mg/kg	-	-
PNEC	Soil (agricultural)	28 mg/kg	-	-

### 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.

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

**Hand protection:** Protective gloves. PVC gloves.

**Eye protection:** Safety goggles. Ensure eye bath is to hand.

**Skin protection:** Protective clothing. PVC apron.

**Environmental:** An environmental assessment must be made to ensure compliance with local environmental legislation. Storage should be placed inside a fully bunded area of sufficient size to contain the volume plus 10%. Prevent from entering in public sewers or the immediate environment. Ensure emissions from ventilation or equipment comply with environmental protection legislation.



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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

State:	Liquid
Colour:	Colourless
Odour:	Characteristic odour
Evaporation rate:	Fast
Oxidising:	Not applicable.
Solubility in water:	Miscible in all proportions
Also soluble in:	Most organic solvents.
Viscosity:	Non-viscous
Kinematic viscosity:	15 SECONDS
Viscosity test method:	Flow time in seconds in a 3 mm ISO cup (ISO 2431)
Boiling point/range°C:	>35
Melting point/range°C:	Not applicable.
Flammability limits %:	<b>lower:</b> No data available. <b>upper:</b> No data available.
Flash point°C:	<21
Part.coeff. n-octanol/water:	No data available.
Autoflammability°C:	No data available.
Vapour pressure:	No data available.
Relative density:	0.79
pH:	7
VOC g/l:	No data available.

### 9.2 Other information

Other information: No data available.

## 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: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### 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.

### 10.6 Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.



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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Hazardous ingredients:

##### PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

#### Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT	Hazardous: calculated

#### Symptoms / routes of exposure

##### Skin contact:

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

##### Eye contact:

There may be irritation and redness. The eyes may water profusely.

##### 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.

##### Delayed / immediate effects:

Exposure may cause coughing or wheezing.  
Immediate effects can be expected after short-term exposure.

## SECTION 12: Ecological information

### 12.1 Toxicity

Ecotoxicity values: No data available.

### 12.2 Persistence and degradability

Persistence and degradability: Biodegradable.

### 12.3 Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

### 12.4 Mobility in soil

Mobility: Readily absorbed into soil.

### 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: Negligible ecotoxicity.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: May be reused following decontamination.

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



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## SECTION 14: Transport information

### 14.1 UN number

UN number: UN1263

### 14.2 UN proper shipping name

Shipping name: PRINTING INK  
(ETHANOL; PROPAN-2-OL)

### 14.3 Transport hazard class(es)

Transport class: 3

### 14.4 Packing group

Packing group: II

### 14.5 Environmental hazards

Environmentally hazardous: No                      Marine pollutant: No

### 14.6 Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 1

## SECTION 15: Regulatory information

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

Specific regulations: Not applicable.

### 15.2 Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not 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 453/2010.

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

### Phrases used in s.2 and s.3:

H225: Highly flammable liquid and vapour.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
R11: Highly flammable.  
R36: Irritating to eyes.  
R67: Vapours may cause drowsiness and dizziness.



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**Legend to abbreviations:** PNEC = predicted no effect concentration  
DNEL = derived no effect level  
LD50 = median lethal dose  
LC50 = median lethal concentration  
EC50 = median effective concentration  
IC50 = median inhibitory concentration  
dw = dry weight  
bw = body weight  
cc = closed cup  
oc = open cup  
MUS = mouse  
GPG = guinea pig  
RBT = rabbit  
HAM = hamster  
HMN = human  
MAM = mammal  
PGN = pigeon  
IVN = intravenous  
SCU = subcutaneous  
SKN = skin  
DRM = dermal  
OCC = ocular/corneal  
OPT = optical  
INH = inhalation  
PCP = physico-chemical properties

**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.