

**SAFETY DATA SHEET**  
**Ink & Gum Remover**

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

Product name. Ink & Gum Remover

Company  
Chemical Solutions  
42 Kennel Lane  
Fetcham  
Surrey  
KT22 9PJ

0870 240 8893

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous components Conc. CAS EINECS Risks

Ammonia solution 0 - 5% 1336-21-6 215-647-6 C;R34 N;R50

Xylene 40 - 50% 1330-20-7 215-535-7 Xn;R20/21-38

Butan-1-ol 10 - 20% 71-36-3 R10 Xn;R22 Xi;R37 Xi;R38 Xi;R41  
R67

200-751-6

Butane 1 - 10% 106-97-8 203-448-7 F+;R12

**3. HAZARDS IDENTIFICATION**

Most important hazards. Extremely flammable. Harmful by inhalation and in contact with skin. Irritating to skin. Risk of serious damage to eyes.

**4. FIRST AID MEASURES**

Skin contact. Harmful in contact with skin. May cause skin irritation and/or dermatitis. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.

Eye contact. May cause eye irritation with susceptible persons. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Inhalation. Harmful by inhalation. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Move to fresh air. Consult a physician after significant exposure.

Ingestion. Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache). Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media.

Specific hazards Extremely flammable. Burning produces obnoxious and toxic fumes. Flash back possible over considerable distance. Vapours may form explosive mixture with air.

Special protective equipment for fire-fighters. Wear self contained breathing apparatus for fire fighting if necessary.

## **6. ACCIDENTAL RELEASE MEASURES**

Personal precautions. Ensure adequate ventilation. Remove all sources of ignition. Use personal protective equipment.

Environmental precautions. Do not let product enter drains. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up. Soak up with inert absorbent material and dispose of as hazardous waste. After cleaning, flush away traces with water.

## **7. HANDLING AND STORAGE**

Handling. Avoid contact with skin and eyes. Ensure adequate ventilation or exhaust ventilation in the working area. Ensure all equipment is electrically grounded before beginning transfer operations. Keep away from sources of ignition - No smoking. Handle in accordance with good industrial hygiene and safety practice.

Storage. Keep containers tightly closed in a dry, cool and well-ventilated place.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure limit(s)

Xylene, o-,m-, -p-or mixed isomers WEL 8-hr limit ppm: 50

WEL 15 min limit ppm: 100

WEL 8-hr limit mg/m<sup>3</sup>: 220

WEL 15 min limit mg/m<sup>3</sup>: 441

Butan-1-ol WEL 8-hr limit ppm: -

WEL 15 min limit ppm: 50

WEL 8-hr limit mg/m<sup>3</sup>: -

WEL 15 min limit mg/m<sup>3</sup>: 154

Butane WEL 8-hr limit ppm: 600

WEL 15 min limit ppm: 750

WEL 8-hr limit mg/m<sup>3</sup>: 1450

WEL 15 min limit mg/m<sup>3</sup>: 1810

Engineering measures. Ensure adequate ventilation, especially in confined areas.  
Respiratory protection Wear self-contained breathing apparatus and protective suit.

Hand protection. PVC or other plastic material gloves.

Eye protection. Goggles.

Skin and body protection. Wear chemical protective clothing.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Description. Aerosol.

Colour. Amber.

Odour. Solvent.

Flash point -20°C

## **10. STABILITY AND REACTIVITY**

Stability. Stable under normal conditions.

Conditions to avoid. Heat, flames and sparks.

Materials to avoid. Incompatible with oxidizing agents.

## **11. TOXICOLOGICAL INFORMATION**

Acute toxicity. No data is available on the product itself.

## **12. ECOLOGICAL INFORMATION**

Ecotoxicity effects. No data is available on the product itself.

## **13. DISPOSAL CONSIDERATIONS**

General Information. Dispose of in accordance with local regulations.

## **14. TRANSPORT INFORMATION**

ADR/RID

UN-No 1950 Packing group -

Class 2 Hazard ID -

Proper shipping

name

AEROSOLS

IMDG-Code

UN-No 1950 Packing group -

Class 2 Marine pollutant .

EmS F-D S-U

IATA-DGR

UN-No 1950 Packing group -

Class 2 Sub-risks see SP63

## **15. REGULATORY INFORMATION**

Labelling. The product is classified and labelled in accordance with Directive 1999/45/EC. The product is classified in accordance with Annex VI to Directive 67/548/EEC.

Symbol(s) F+ - Extremely flammable; Xn - Harmful

R-phrase(s)

R12 - Extremely flammable.

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

R38 - Irritating to skin.

R41 - Risk of serious damage to eyes.

S-phrase(s)

S 2 - Keep out of the reach of children.

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

S23 - Do not breathe gas/fumes/vapour/spray.

S24/25 - Avoid contact with skin and eyes.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37 - Wear suitable protective clothing and gloves.

S51 - Use only in well-ventilated areas.

## **16. OTHER INFORMATION**

Text of R phrases mentioned in Section 2

R10 - Flammable.

R12 - Extremely flammable.

R20/21 - Harmful by inhalation and in contact with skin.  
R22 - Harmful if swallowed.  
R34 - Causes burns.  
R37 - Irritating to respiratory system.  
R38 - Irritating to skin.  
R41 - Risk of serious damage to eyes.  
R50 - Very toxic to aquatic organisms.  
R67 - Vapours may cause drowsiness and dizziness.

**Further information.**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

