SAFETY DATA SHEET
Linx Mixed base solvent 3501

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

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>Linx Mixed base solvent 3501</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT NO.</td>
<td>3501</td>
</tr>
<tr>
<td>APPLICATION</td>
<td>Solvent for Linx® inkjet printers</td>
</tr>
<tr>
<td>SUPPLIER</td>
<td>Linx Printing Technologies</td>
</tr>
<tr>
<td></td>
<td>Burrel Road</td>
</tr>
<tr>
<td></td>
<td>ST IVES</td>
</tr>
<tr>
<td></td>
<td>Cambridgeshire PE27 3LA</td>
</tr>
<tr>
<td></td>
<td>UK</td>
</tr>
<tr>
<td></td>
<td>T: +44 (0)1480 302100 Available</td>
</tr>
<tr>
<td></td>
<td>9am-5pm Mon-Fri</td>
</tr>
<tr>
<td></td>
<td>F: +44 (0)1480 302116</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:MSDS@Linx.co.uk">MSDS@Linx.co.uk</a></td>
</tr>
<tr>
<td></td>
<td><a href="http://www.linxglobal.com">www.linxglobal.com</a></td>
</tr>
</tbody>
</table>

2 HAZARDS IDENTIFICATION

Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

CLASSIFICATION Xi;R36. F;R11. R66, R67.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>200-662-2</td>
<td>67-64-1</td>
<td>60-100%</td>
<td>F;R11 Xi;R36 R66 R67</td>
</tr>
<tr>
<td>ETHANOL</td>
<td>200-578-6</td>
<td>64-17-5</td>
<td>10-30%</td>
<td>F;R11</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION
Get medical attention if any discomfort continues. Do not give victim anything to drink if they are unconscious.

INHALATION
Move the exposed person to fresh air at once. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION
DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Provide rest, warmth and fresh air. Get medical attention immediately!

SKIN CONTACT
Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT
Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES
Linx Mixed base solvent 3501

EXTINGUISHING MEDIA
Fire can be extinguished using: Alcohol resistant foam. Carbon dioxide (CO2). Water spray, fog or mist. Powder.

SPECIAL FIRE FIGHTING PROCEDURES
Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control. Containers close to fire should be removed or cooled with water.

UNUSUAL FIRE & EXPLOSION HAZARDS
HIGHLY FLAMMABLE! Vapours may form explosive mixture with air at room temperature. Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet. Do not breathe vapour. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection.

ENVIRONMENTAL PRECAUTIONS
Do not discharge into drains, water courses or onto the ground.

SPILL CLEANUP METHODS
Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Provide ventilation and confine spill. Do not allow runoff to sewer. Clean-up personnel should use respiratory and/or liquid contact protection. Absorb spillage with suitable absorbent material.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Risk of vapour concentration on the floor and in low-lying areas. Contaminated rags and cloths must be put in fireproof containers for disposal.

STORAGE PRECAUTIONS
Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. May attack some plastics, rubber and coatings.

STORAGE CLASS
Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>TWA - 8 hrs</th>
<th>STEL - 15 min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>WEL</td>
<td>500 ppm</td>
<td>1210 mg/m3</td>
<td>1500 ppm, 3620 mg/m3</td>
</tr>
<tr>
<td>ETHANOL</td>
<td>WEL</td>
<td>1000 ppm</td>
<td>1920 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS
WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT

PROCESS CONDITIONS
Use engineering controls to reduce air contamination to permissible exposure level.

RESPIRATORY EQUIPMENT
No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. Use respiratory equipment with gas filter, type AX.
Linx Mixed base solvent 3501

HAND PROTECTION
Protective gloves must be used if there is a risk of direct contact or splash. For exposure of 1 to 4 hours use gloves made of: Butyl rubber. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

EYE PROTECTION
Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION
Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES
DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE</td>
<td>Coloured liquid</td>
</tr>
<tr>
<td>COLOUR</td>
<td>Light (or pale) Green</td>
</tr>
<tr>
<td>ODOR</td>
<td>Characteristic of solvents</td>
</tr>
<tr>
<td>VOLATILITY DESCRIPTION</td>
<td>Volatile.</td>
</tr>
<tr>
<td>SOLUBILITY</td>
<td>Slightly soluble in water.</td>
</tr>
<tr>
<td>BOILING POINT (°C)</td>
<td>c. 56 - 78 @ 760 mm Hg</td>
</tr>
<tr>
<td>MELTING POINT (°C)</td>
<td>c. -95</td>
</tr>
<tr>
<td>RELATIVE DENSITY (air=1)</td>
<td>0.75 - 0.85 @ 20°C</td>
</tr>
<tr>
<td>VAPOUR DENSITY (air=1)</td>
<td>c. 2.0</td>
</tr>
<tr>
<td>VAPOUR PRESSURE</td>
<td>c. 185 mmHg @ 20°C</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>&gt; BuAc (BuAc=1)</td>
</tr>
<tr>
<td>VISCOSITY</td>
<td>c. 0.3 - 1.0 mPas @ 20°C</td>
</tr>
<tr>
<td>FLASH POINT (°C)</td>
<td>c. -18 CC (Closed cup).</td>
</tr>
<tr>
<td>AUTO IGNITION</td>
<td>c. 365</td>
</tr>
<tr>
<td>TEMPERATURE (°C)</td>
<td></td>
</tr>
<tr>
<td>FLAMMABILITY LIMIT - LOWER(%)</td>
<td>c. 2.5 (%v/v)</td>
</tr>
<tr>
<td>FLAMMABILITY LIMIT - UPPER(%)</td>
<td>c. 19 (%v/v)</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

STABILITY
No particular stability concerns.

CONDITIONS TO AVOID
Avoid heat. Avoid contact with oxidisers or reducing agents. Avoid contact with acids and alkalies.

HAZARDOUS POLYMERISATION
Will not polymerise.

HAZARDOUS DECOMPOSITION PRODUCTS

11 TOXICOLOGICAL INFORMATION

INHALATION
High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Drowsiness, dizziness, disorientation, vertigo.

INGESTION
Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Nausea, vomiting. Diarrhoea.

SKIN CONTACT
Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking.

EYE CONTACT
Irritating to eyes. Vapour or spray may cause temporary (reversible) eye damage.
Linx Mixed base solvent 3501

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Not regarded as dangerous for the environment.

WATER HAZARD CLASSIFICATION
WGK 1

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
When handling waste, consideration should be made to the safety precautions applying to handling of the product.

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements. Absorb in vermiculite or dry sand, dispose in licensed hazardous waste.

WASTE CLASS
European Waste Catalogue Number (2000/532/EC): 08 03 12

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME  PRINTING INK RELATED MATERIAL
UN NO. ROAD          1210
ADR CLASS NO.        3 - F1
ADR CLASS            Class 3: Flammable liquids.
ADR LABEL NO.        3
HAZCHEM CODE         3YE
RID CLASS NO.        3
UN NO. SEA           1210
IMDG CLASS           3
IMDG PACK GR.        II
EMS                  F-E, S-D
MARINE POLLUTANT     No.
UN NO. AIR           1210
AIR CLASS            3
AIR PACK GR.         II

15 REGULATORY INFORMATION

LABELLING

RISK PHRASES
R11        Highly flammable.
R36        Irritating to eyes.
R66        Repeated exposure may cause skin dryness or cracking.
R67        Vapours may cause drowsiness and dizziness.
Linx Mixed base solvent 3501

SAFETY PHRASES

S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
S51 Use only in well-ventilated areas.
S60 This material and its container must be disposed of as hazardous waste.

UK REGULATORY REFERENCES

EU DIRECTIVES

APPROVED CODE OF PRACTICE

GUIDANCE NOTES
Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone (HSG228).

16 OTHER INFORMATION

REVOLUTION DATE: 12/05/2009

SAFETY DATA SHEET STATUS
Approved.

RISK PHRASES IN FULL

R11 Highly flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

DISCLAIMER
This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.