MATERIAL SAFETY DATA SHEET

1) PRODUCT:
PLATE CLEANING SOLVENT 5L TIN

REF: MX0711

DATE OF ISSUE: 26.06.08

SUPPLIER:
Partwell Cutting Technology Specialists
Bridge Works, Stanley Street, Blackburn,
Lancs. BB1 3BW
Tel: 01254 671875
Fax: 01254 674823

[2] Composition information

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Cas No</th>
<th>Contents</th>
<th>Health (class)</th>
<th>Risk (R No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citrus terpene</td>
<td>8028-48-6</td>
<td>50-70%</td>
<td>Xi</td>
<td>R36/38,R10</td>
</tr>
<tr>
<td>Glycol ether</td>
<td>107-98-2</td>
<td>50-70%</td>
<td></td>
<td>R11/36/67</td>
</tr>
</tbody>
</table>

Comments

[3] Hazards identification
This product is classified as Irritant and Flammable under the CHIP Regs. 1999(2)

[4] First aid measures

Eye
Flush with water as needed

Skin
Wash with soap and water, remove any contaminated clothing and shoes. Do not allow saturated clothing to remain in contact with skin for prolonged periods

Ingestion
Do not induce vomiting. May be harmful if ingested into the lungs. Seek medical advice.

Inhalation
Remove patient to fresh air, keep at rest and seek medical advice.

[5] Fire fighting measures

Extinguishing medium
Water fog, CO², dry powder or foam. The use of water streams should be avoided as this will tend to spread the fire

Specific fire fighting procedures
Suitable self contained breathing apparatus should be used in confined areas

[6] Accidental release measures

Spill clean up methods
Contain and absorb with dry sand or oil absorbent, dispose of as oil waste. Used or contaminated product should not be allowed to enter waterways.

[7] Handling & storage

Handling
Do not handle or use near open flames or sources of ignition.

Storage
Store in cool well ventilated place away from sources of ignition.

[8] Exposure & personal protection

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Cas No</th>
<th>LT Exp. (8 hrs)</th>
<th>ST Exp. (10 mins)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citrus terpene</td>
<td>8028-48-6</td>
<td>800mg/m3</td>
<td>100mg/m3</td>
</tr>
<tr>
<td>Glycol ether</td>
<td>107-98-2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Engineering
Care should be taken to ensure that any plant used in conjunction with this product runs within the product’s working temperature range

Ventilation
Adequate natural ventilation will suffice in most instances

Respiratory
None required in normal use

Eye protection
Safety glasses should be worn to prevent splashes.

Skin protection
The use of Nitrile rubber gloves is advised.

[9] Physical properties (typical values)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point</td>
<td>167 – 187°C [ASTM 1087]</td>
</tr>
<tr>
<td>Density</td>
<td>0.847g/cm3</td>
</tr>
<tr>
<td>Vapour density</td>
<td>0.150 g/l</td>
</tr>
<tr>
<td>Viscosity</td>
<td>1.75mm²/S [IP71]</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>pH value</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash point</td>
<td>40°C [PMCC]</td>
</tr>
</tbody>
</table>
Auto ignition temp | Not applicable
Explosion limits | Lel – 0.7% @ 28°C
Uel – 6.1% @ 28°C
Dielectric strength | N/A
Appearance | Clear liquid
Odour | Citrus

[10] Stability & reactivity

Hazardous decomposition | As with any organic material, combustion will liberate carbon dioxide and/or carbon monoxide
Incompatibility | Avoid contact with strong oxidising agents


Ingestion | Unlikely to be harmful if swallowed in small quantities.
Inhalation | Small amounts of liquid inhaled into lungs may cause bronchopneumonia.
Eye | Will cause irritation which is transient.
Skin | May cause irritation on prolonged contact.

[12] Ecological information

Biodegradation (EEC) | Biodegradable. Liquid will evaporate readily.
Other | Inherently biodegradable (OECD) No acute toxicity to aquatic organisms is expected.

[13] Disposal considerations

Disposal | This product is classified as INHERENTLY BIODEGRADABLE. In its' virgin state it may be disposed of as oil waste. Used or contaminated waste should be disposed of in accordance with the contaminant

[14] Transportation information

Intrastate Ref | 2901.10.90

<table>
<thead>
<tr>
<th>UN No.</th>
<th>Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road</td>
<td>1993</td>
</tr>
<tr>
<td>Air</td>
<td>1993</td>
</tr>
<tr>
<td>Sea</td>
<td>1993</td>
</tr>
</tbody>
</table>

This material is classed as FLAMMABLE for transport.

[15] Regulatory information

Risk phrases | R10 Flammable
R36/38 Irritating to eyes and skin.
Safety phrases | S-62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
S24/25 Avoid contact with skin and eyes.

[16] Other information

Changes to section

| Date | 06.00 |
| Sheet ref no. | E0315 |
| Products covered by this sheet | |
| Replaces sheet | New |

User Note:

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