

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

Ingredient	Cas No	Contents	Health (class)	Risk (R No)
Citrus terpene	8028-48-6	50-70%	Xi	R36/38,R10
Glycol ether	107-98-2	50-70%		R11/36/67
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, CO ² , 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
Unusual fire & explosion hazards	Stay upwind of fire
Hazardous decomposition products	Burning product will liberate CO ² and possibly CO. Avoid breathing smoke

[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.
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[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

Ingredient	Cas No.	LT Exp. (8 hrs)	ST Exp. (10 mins)
Citrus terpene	8028-48-6	800mg/m ³	
Glycol ether	107-98-2	100mg/m ³	

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)

Boiling point	167 – 187°C [ASTM 1087]
Density	0.847g/cm ³
Vapour density	0.150 g/l
Viscosity	1.75mm ² /S [IP71]
Solubility in water	Insoluble
pH value	Not applicable
Flash point	40°C[PMCC]

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

[11] Toxicological information

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
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[14] Transportation information

Intrastate Ref	2901.10.90		
	UN No.	Class	
Road	1993	3.3	
Air	1993	3	
Sea	1993	3	

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-62If 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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