

NEOLITH CHEMICALS LTD.

MANUFACTURERS OF SPECIALITY CHEMICALS

Flowplant Group Ltd.
Brunel Rd,
Churchfields Ind Est
Salisbury. SP2 7PU

MATERIAL SAFETY DATA SHEET

Formula Ref:1300806 Issue No 1 Aug 2006

1. Product Name: Flowplant 325		Intended Use: Industrial cleaning		
2. Chemical Composition/Information on Ingredients:				
Hazardous Ingredient	Index No	% w/w range	WEL	Hazard
Hydrochloric acid	017-002-01-X	<10	STEL 7.6 mg/cu.m	None
Acetic acid	607-002-00-6	<10	STEL 15ppm	None

3. Hazard Identification:
Irritating to eyes and skin.

4. First Aid Measures:		11. Toxicological Information:	
EYES:	Rinse with clean water for 15 minutes. Obtain medical attention if symptoms persist.	EYES:	Irritation resulting in possible damage if first aid is not prompt.
SKIN:	Drench with water. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist.	SKIN:	Irritation
INGESTION:	Do not induce vomiting. Wash out mouth with water and give water to drink. Obtain medical attention.	INGESTION:	Irritation and possible damage to gastro intestinal tract.
INHALATION:	Remove to fresh air and seek medical attention if symptoms persist.	INHALATION:	Mist or Spray: Irritation. Effects may vary with concentration.

5. Fire Fighting Measures:		12. Ecological Information:	
EXTINGUISHING MEDIA:	Foam, carbon dioxide or dry powder.	AQUATIC TOXICITY	Harmful due to pH effects.
SPECIAL EXPOSURE HAZARDS:	Irritating fumes.	BIODEGRADABILITY	Readily biodegradable.
SPECIAL INSTRUCTIONS:	Wear breathing apparatus.	MOBILITY	Not persistent in the environment

6. Accidental Release Measures:		13. Disposal Considerations:	
For large spillage evacuate personnel. Wear personal protection (see sect. 8)		Use only licensed waste disposal companies.	
Do not allow to enter storm drains or water courses. If this occurs inform authorities.		Rinse empty containers with water.	
Contain spillages. Neutralize with alkali and flush to fowl drain with water.		Damage empty containers if disposed of via local waste.	

7. Handling and Storage:		14. Transport Information:			
Avoid contact with eyes and skin. Avoid breathing mist or spray. Keep away from aluminium and other light alloys.		UN	None	CLASS	None
8. Personal Protection:		UN Description:		TRANS CAT	None

GOGGLES	Safety glasses	APRONS	Yes if danger of splashing.	15: Regulatory Information:	
GLOVES	Impervious gloves (pvc)	RESPIRATORS	Only for high concentrations of mist or spray.	SYMBOL:	IRRITANT
OVERALLS	Yes if danger of splashing.	BARRIER CREAM	Recommended	RISK PHRASES:	R36/38, Irritating to eyes and skin.

9. Physical and Chemical Properties:				
APPEARANCE	Pale straw mobile liquid.		SAFETY PHRASES:	
ODOUR	Characteristic (mild acid)		S26, In case of contact with eyes rinse immediately with plenty of water and seek medical advice.	
pH	<2		S37, Wear suitable gloves.	
SG	1.03 (typical)		Contains Acetic acid (<5%) and Hydrochloric acid (<10%)	
FLASH POINT	Not applicable.			
SOLUBILITY	Soluble.			

10. Stability and Reactivity:		16. Other Information:	
Stable under normal conditions. Avoid contact with alkalis, aluminium and other light alloys. Reaction with strong alkalis generates heat. Will react with aluminium and other light alloys to produce flammable hydrogen gas.		Refer to section 1. No other usage is recommended unless advised in writing by Neolith Chemicals Ltd.	