

FLOWPLANT GROUP Ltd.

SUPPLIERS OF SPECIALITY CHEMICALS

Flowplant Manufacturing Ltd., Gemini House, Brunel Road, Churchfields Ind., Est., Salisbury, Wilts, SP2 7PU

MATERIAL SAFETY DATA SHEET

Formula Ref:1180504 Issue No 1 Mar 2005

1. Product Name: NEOLITH 907**Intended Use:** Construction Industry Acid cleaning**2. Chemical Composition/Information on Ingredients:**

Hazardous Ingredient	Index No	% w/w range	OEL/MEL	Hazard
Acetic acid	607-002-00-6	10 to 25	STEL 15ppm	C, R10, 34

3. Hazard Identification:

Irritating to eyes and skin.

4. First Aid Measures:

EYES:	Immediately rinse with clean water for 15 minutes. Obtain prompt medical attention.
SKIN:	Drench immediately with water. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist.
INGESTION:	Do not induce vomiting. Wash out mouth with water and give water to drink. Obtain urgent medical attention.
INHALATION:	Remove to fresh air and seek medical attention if symptoms persist.

11. Toxicological Information:

EYES:	Severe irritation resulting in serious damage if first aid is not prompt.
SKIN:	Irritating.
INGESTION:	Irritation and possible damage to gastro intestinal tract.
INHALATION:	Mist or Spray: Irritation. Effects may vary with concentration.

5. Fire Fighting Measures:

EXTINGUISHING MEDIA:	Foam, carbon dioxide or dry powder.
SPECIAL EXPOSURE HAZARDS:	Irritating fumes.
SPECIAL INSTRUCTIONS:	Wear breathing apparatus.

12. Ecological Information:

AQUATIC TOXICITY	Harmful due to pH effects.
BIODEGRADABILITY	Readily biodegradable.
MOBILITY	Not persistent in the environment

6. Accidental Release Measures:

For large spillage evacuate personnel. Wear personal protection (see sect. 8)
Do not allow to enter storm drains or water courses. If this occurs inform authorities.
Contain spillages. Neutralize with alkali and flush to fowl drain with water.

13. Disposal Considerations:

Use only licensed waste disposal companies.
Rinse empty containers with water.
Damage empty containers if disposed of via local waste.

7. Handling and Storage:

Avoid contact with eyes and skin. Avoid breathing mist or spray. Keep away from aluminium and other light alloys.

14. Transport Information:

UN	2790	CLASS	8	TRANS CAT	3
UN Description:			Acetic acid solution, greater than 10% and less than 50%, by mass.		

8. Personal Protection:

GOGGLES	Safety glasses, goggles or full-face visor.	APRONS	Yes if danger of splashing.
GLOVES	Impervious gloves (pvc)	RESPIRATORS	Only for high concentrations of mist or spray.
OVERALLS	Yes if danger of splashing.	BARRIER CREAM	Recommended

15. Regulatory Information:

SYMBOL:	Irritant
RISK PHRASES:	R 36/38 Irritating to eyes and skin.

9. Physical and Chemical Properties:

APPEARANCE	Pale straw mobile liquid.
ODOUR	Soapy.
pH	<2
SG	1.0 (typical).
FLASH POINT	Not applicable.
SOLUBILITY	Soluble.

SAFETY PHRASES:	
S26, In case of contact with eyes rinse immediately with plenty of water and seek medical advice.	
S37 Wear suitable gloves.	

10. Stability and Reactivity:

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.

16. Other Information:

Refer to section 1. No other usage is recommended unless advised in writing by **Flowplant Manufacturing Ltd.**