

FLOWPLANT GROUP Ltd.

SUPPLIERS OF NEOLITH 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 10		Intended Use: Industrial/Construction		
2. Chemical Composition/Information on Ingredients:				
Hazardous Ingredient	Index No	% w/w range	OEL/MEL	Hazard
Hydrochloric acid	017-002-01-X	10 to 20	STEL 7.6 mg/cubic metre	C, R34,37

3. Hazard Identification:
Irritant. Irritating to eyes, respiratory system and skin.

4. First Aid Measures:				11. Toxicological Information:						
EYES:		Immediately rinse with clean water for 15 minutes. Obtain prompt medical attention.		EYES:		Severe irritation resulting in serious damage if first aid is not prompt.				
SKIN:		Drench immediately 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 urgent 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		1789	CLASS	8	TRANS CAT	3
8. Personal Protection:				UN Description:			Hydrochloric acid			
GOGGLES	Safety glasses, goggles or full-face visor.	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:		R36/37/38, Irritating to eyes, respiratory system and skin.				
9. Physical and Chemical Properties:										
APPEARANCE	Pale straw mobile liquid.			SAFETY PHRASES:						
ODOUR	Soapy.			S26, In case of contact with eyes rinse immediately with plenty of water and seek medical advice.						
pH	<1			S37, Wear suitable gloves.						
SG	1.0 (typical).									
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 Flowplant Manufacturing Ltd.						