

Product Name : MOREFLOC EA-420

Rev. No./Date : #0 / 2002. 5. 2

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	MOREFLOC EA-420	PRODUNCT NO.	MS-501
USE	Flocculant for wastewater treatment or other process		
COMPANY NAME	PRIME TECH INTERNATIONAL CO., LTD.		
ADDRESS	GYEONGGI TECHNOPARK, sa-1 DONG, Sangnok-gu, Ansan-si, Gyeonggi-do, Korea		
TELEPHONE NO.	82-31-500-4560		
FAX NO.	82-31-500-4562		
DEAPRTMENT	Technical & Research H./Q		

SECTION 2. COMPOSISION, INFORMATION ON INGREDIENTS

COMPONENTS	OTHER NAMES	CAS NUMBER	MOLECULAR FORMULA	PERCANTAGE
Petroleum distillate		064742-47-8	-	OSHA
Hydrotreated light				

SECTION 3. HAZARDS IDENTIFICATION

NEFA PATING	HEALTH	FIRE	REACTIVITY
(SCALE : 0~4)	2	1	0
INHALATION	The product is non-volatile should be avoided.	e, but inhalation of dust ma	y cause irritation, and this
SKIN CONTACT	May cause slight irritation, especially with repeated or prolonged exposure.		
EYE CONTACT	May cause some irritation which should cease on removal of product.		
INGESTION	Low toxicity product.		
CARCINOGEN STATUS	None known		

SECTION 4. FIRST AID MEASURES

INHALATION	Remove the casualty to fresh air. Clear any blocked airways. If recovery is delayed seek medical advice.
SKIN CONTACT	Remove all contaminated clothing immediately. Wash contaminated area with soap and water. If any irritation persists obtain medical attention.
EYE CONTACT	Irrigate the eye with water for 15minutes. If there is any irritation obtain medical attention immediately.





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	Do not make the casualty vomit.
	If unconscious do not give anything by mouth. Check for breathing and pulse, if
	present, place in the recovery position and obtain medical attention.
INGESTION	If conscious rinse out the mouth with water. Give 1 pint of to drink immediately
	and repeated drink of water at a rate of a cupful(1/3 pint) every 10minutes.
	Obtain medical attention immediately.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT	93°C
FLAMMABLITY	Not determined
AUTO FLAMMABLIT	Not determined
EXPLOSION HAZARD	Not determined
EXPLOSIVE LIMITS	Not determined
EXTINGUISHING MEDIA	Foam, dry powder, carbon dioxide, in preference to water spray. (The product becomes very slippery when wet)
SPECAIL EXPOURE HAZARDS IN A FIRE	Not applicable
SPECAIL PROTECTIVE EQUIPMENT FOR A FIRE	As for all fires involving chemicals: chemical protection suit,
EXTINGUISHING MEDIA WHICH MUST NOT BE USE FOR SAFETY REASONS	Not applicable

SECTION 6. ACCIDENTAL RELEASE EMASURES

Lies personal protective equipment, effective dust mask	
Use personal protective equipment, effective dust mask.	
No special environmental precautions required.	
No special environmental precautions required.	
Sweep up and shovel into suitable containers for disposal. The spillage should	
be contained with earth or sand removed for disposal. Residues or small spillage	
should be hosed away completely with plenty of water.	

SECTION 7. HANDLING AND STORAGE

HANDLING	Do not eat, drink or smoke whilst handling the product. Remove contaminated
HANDEING	clothing immediately and launder before reuse. Wash hands after use. As with





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	many organic powders flammable dust clouds may be formed. Avoid creating
	dust and keep away from sources of ignition.
SOTRAGE	Keep in dark and fresh air.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

ENGINEERING	Not known
CONTROLS	
RESPIRATORY	Noish official respiratory organs
PROTECTION	Noish oliciar respiratory organs
HAND PROTECTION	Rubber or plastic gloves.
EYE PROTECTION	Goggles.
SKIN PROTECTION	Light weight protective clothing.
EXPOSURE LIMITS	Not known

SECTION 9. PHYSICAI AND CHEMICAL PROPRETIES

APPEARANCE	Light yellow to light green liquid
ODOR	Slight
рН	10.8 ±1.0 (Neat, 25°C)
SPECIFIC GRAVITY	1.42 ±0.05
SOLUBLITY	Able to dilute any ratio
BOILING POINT	Not exhibited.
FREEZING POINT	-10°C below
FLASH POINT	Not exhibited.
VAPOR PRESSURE	Not exhibited.
VISCOSITY	Not exhibited.

SECTION 10. STABLITY AND REACTIVITY

CHEMICAL REACTIVITY	Stable at ambient temperatures.
CONDITIONS TO AVOID	Avoid wet, damp and humid conditions.
MATERIALS TO AVOID	Attacks many metals. Consult Solutia for specialist advice.
HAZARDOUS	Combustion products CO. Day NOv
DECOMPOSOTION PRODUCTS	Combustion products CO, Pox, NOx





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SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY	LD ₅₀ 17,800mg/kg (oral, Rat)
ACUTE DERMAL TOXICITY	Not known
IRRITANCY AND	 Not classified as irritating to the eyes.
CORROSIVENESS	 Not classified as irritating to the skin.
SENSITIZATION	Not known
SUBACUTE, SUBCHRONIC	Not available
AND PROLONGED TOXICITY	
EMPIRICAL DATA ON	Not known
EFFECTS ON HUMANS	
OTHER INFORMATION ON	Not available
HEALTH EFFECTS	

SECTION 12. ECOLOGICAL INFORMATION

PERSISTENCE IN THE	Not available
ENVIRONMENT	
BIOACCUMULATION	Not available
MOBILITY	Not available
AQUATIC TOXICITY	Not available
NOTE	Not available

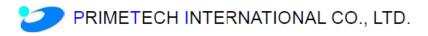
SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations. In the UK disposal may be made to a licensed treatment/ disposal site in accordance with the provisions of Environmental Protection Act 1990.

SECTION 14. TRANSPORT INFORMATION

UK ROAD/RAIL	Not classified as dangerous in the meaning of transport regulations.
IMDG	Not classified as dangerous in the meaning of transport regulations.
ICAO	Not classified as dangerous in the meaning of transport regulations.
ADR	Not classified as dangerous in the meaning of transport regulations.





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SECTION 15. REGULATORY INFORMATION

RISK PHRASES	None
SAFETY PHRASES	None

SECTION 16. OTHER INFORMATION

This information contains herein is to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee for results obtained and assume no responsibility for damages incurred by use of this product. It is the responsibility of the user to comply with all federal state and local laws and regulations.

