



MATERIAL SAFETY DATA SHEET

Optimum One

REVISION DATE 1/5/2004

SECTION 1

MANUFACTURER INFORMATION

Mid-West Solutions, Inc. 11193 Lawrence Dr. Crown Point, IN 46307 (219)661-8230
24 Hour HAZARDOUS EMERGENCY (SPILL/LEAK/FIRE/EXPOSURE/ACCIDENT) 1-800-451-8346

SECTION 2

PRODUCT IDENTIFICATION

PRODUCT # OPTIMUM ONE
CHEMICAL NAME Cooling Water Treatment Optimum One
SYNONYMS Not Applicable
CHEMICAL FAMILY Cooling Water Treatment
NFPA HEALTH HAZARD 1
FIRE HAZARD 0
REACTIVITY HAZARD 0

NFPA SCALE.....4=EXTREME.....3=HIGH....2=MODERATE....1=SLIGHT....0=INSIGNIFICANT

SECTION 3

HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS #	% WT	TLVITVA	PEL	SEC.313	CARCINOGEN?
TRADE SECRET TERPOLYMER						

END OF HAZARDOUS INGREDIENTS

SECTION 4

SHIPPING DATA

D.O.T. PROPER SHIPPING Not regulated
D.O.T. HAZARD CLASS Not applicable
D.O.T. LABELS REQUIRED Not applicable
UN NA I.D. NUMBER Not applicable
PACKAGING GROUP Not applicable
SHIPPING DOCUMENTATION Compounds, Industrial Process Water Treating

SECTION 5

PHYSICAL DATA

BOILING FREEZING POINT @ 760mmHg N/A
P H 7.0-7.5 1% Sol.
VAPOR PRESSURE mmHg@20C NA
VAPOR DENSITY AIR is1 NA
PERCENT VOLATILE BY WEIGHT N/A
SPECIFIC GRAVITY @ 20C Na
SOLUBILITY IN WATER Complete
EVAPORATION RATE NA
APPEARANCE IODOR Lightly Colored Solid

SECTION 6
FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT TEST METHOD	Not combustible
AUTOIGNITION TEMPERATURE	Not applicable
FLAMMABILITY LIMITS IN AIR PERCENT	Not applicable
EXTINGUISHING MEDIA	Not applicable
SPECIAL FIREFIGHTING PROCEDURES	Not applicable
UNUSUAL FIRE IEXPLOSION HAZARDS	Cool drums exposed to heat or fire to prevent steam rupture

SECTION 7
REACTIVITY DATA

PRODUCT STABILITY	Stable
CONDITIONS TO AVOID	NA
CHEMICAL INCOMPATIBILITY	None Known
HAZARDOUS DECOMPOSITION	Carbon monoxide, carbon dioxide after water evaporates under fire conditions
HAZARDOUS POLYMER	Will not occur
CORROSIVE TO STEEL	No

SECTION 8
HEALTH HAZARD DATA

SKIN CONTACT	May cause skin irritation upon extended contact.
EYE CONTACT	May cause irritation
INHALATION	Unlikely route of exposure
INGESTION	Safety shower and eyewash fountains should be easily accessible.

SECTION 9
EMERGENCY AND FIRST AID PROCEDURES

SKIN	Wash exposed skin with soap & water. Launder contaminated clothing before reuse.
EYES	Promptly flush eyes with large amounts of water. Get medical attention if any discomfort persists.
INGESTION	If swallowed, INDUCE VOMITING. Get medical attention. Never give anything by mouth to unconscious person.
INHALATION	Move to fresh air. Get medical attention if indicated.

SECTION 10
ENVIRONMENTAL DATA

SPILL/LEAK PROCEDURE	Avoid skin contact. Flush with large amounts of water to sanitary sewer.
WASTE DISPOSAL METHOD	Dispose of in accordance with all federal, state and local regulations.
HAZARDOUS WASTE 40CFR261	Not regarded as a hazardous waste under 40 CFR261.
CONTAINER DISPOSAL	Empty containers may contain residuals. Thoroughly clean, then offer for recycling, reuse or disposal in accordance with governmental regulations.

SECTION 11
SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION	Respirator not required with most applications.
VENTILATION	Local exhaust is generally sufficient to minimize exposure.
PROTECTIVE CLOTHING	Neoprene gloves, apron, boots - as necessary to prevent skin contact
EYE PROTECTION	Chemical goggles
OTHER PRECAUTIONS	Irritation of gastrointestinal system may occur

SECTION 12
SUPPLIER INFORMATION

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