
MATERIAL SAFETY DATA SHEET

Page 1 of 3
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

HYTHERM 240**MSDS ID: 02914**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: HYTHERM 240
PRODUCT DESCRIPTOR: INDUSTRIAL BOILER WATER TREATMENT (DWT)
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
SODIUM SULFITE (7757-83-7)	1-5	NONE EST.	
SODIUM BISULFITE (7631-90-5)	<40	TLV 5	MG/M3

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: CAUSES MILD EYE, SKIN AND INHALATION IRRITATION. INGESTION OF
PRODUCT CAUSES ALLERGIC REACTION IN SULFITE SENSITIVE
REACTION.
CHRONIC: NONE KNOWN.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
ASTHMA AND RESPIRATORY CONDITIONS BY FUMES.

IV. FIRST AID MEASURES

EYES: FLUSH WITH WATER FOR 15 MINUTES AND SEEK MEDICAL ATTENTION.
SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH WITH WATER. WASH THOROUGHLY
WITH SOAP AND WATER. SEEK MEDICAL ATTENTION FOR REDNESS OR
IRRITATION.
INGESTION: DRINK PLENTY OF WATER. CONTACT POISON CENTER OR PHYSICIAN
IMMEDIATELY. AVOID ALCOHOL. DO NOT GIVE ANYTHING BY MOUTH TO AN
UNCONSCIOUS PERSON.
INHALATION: REMOVE VICTIM TO FRESH AIR. SEEK MEDICAL ATTENTION IF BREATHING
DIFFICULTY PERSISTS.

V. FIRE FIGHTING MEASURES

FLASH POINT: N/A	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: N/A	UEL: N/A
UNUSUAL FIRE OR EXPLOSION HAZARDS:		NONE KNOWN.	
EXTINGUISHING MEDIA:		WATER, WATER FOG, CO2, FOAM, DRY CHEMICALS	
FIRE FIGHTING INSTRUCTIONS:		WEAR PROTECTIVE GEAR AND SELF CONTAINED BREATHING APPARATUS IN FIRE AREA. COOL CONTAINERS WITH WATER SPRAY TO PREVENT	

MATERIAL SAFETY DATA SHEET

Page 2 of 3
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

HYTHERM 240**MSDS ID: 02914**

V. FIRE FIGHTING MEASURES (Cont.)

RELEASE OF SULFUR DIOXIDE.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: FLUSH SMALL AMOUNTS TO A SANITARY SEWER. LARGE AMOUNTS SHOULD BE ABSORBED ON INERT MATERIAL SUCH AS SAND OR CLAY AND PLACED IN AN EMPTY CONTAINER FOR DISPOSAL.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE IN A COOL AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: CHEMICAL GOGGLES OR FACE SHIELD
PROTECTIVE GLOVES: RUBBER GLOVES
RESPIRATORY PROTECTION: NOT USUALLY REQUIRED
OTHER PROTECTIVE CLOTHING/EQUIPMENT: RUBBER APRON AND CLOTHING TO PREVENT PROLONGED SKIN CONTACT. EYE WASH IN USE AREA.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): N/A SPECIFIC GRAVITY: 1.3350
VOLATILE BY VOLUME: 55 SOLUBILITY IN WATER: 100
VAPOR PRESSURE (MMHG): 17.5 AT 20 C
APPEARANCE AND ODOR: CLEAR, BROWN TO PINK LIQUID, SLIGHT SULFUR ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: YES
INCOMPATIBILITY WITH OTHER MATERIALS: MINERAL ACIDS, ELEVATED TEMPERATURE AND OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS: TOXIC FUMES OF SULFUR DIOXIDE WILL BE RELEASED AT INCREASING RATE WITH TEMPERATURE.
HAZARDOUS POLYMERIZATION: NONE KNOWN TO OCCUR

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

MATERIAL SAFETY DATA SHEET

Page 3 of 3
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

HYTHERM 240

MSDS ID: 02914

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: NOT A RCRA HAZARDOUS WASTE. DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS. CERCLA RQ: SODIUM BISULFITE RQ 5000 LBS; EG-5308/RQ 15,300 LBS.

XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:
Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:
CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:
CONTAINS NO INGREDIENTS FOR THE SARA 313 REPORTING REQUIREMENTS. ALL
CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.
LISTED CARCINOGEN: NONE KNOWN
NTP: NO IARC: NO OSHA: NO
HMIS RATINGS: HEALTH: 2 FIRE: 0 REACTIVITY: 0
PERSONAL PROTECTIVE EQUIPMENT: C
STATE RIGHT-TO-KNOW INFORMATION:
WATER - CAS #7732-18-5
SODIUM SULFITE - CAS #7757-83-7
SODIUM BISULFITE - CAS #7631-90-5

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.