

For over 50 years...

HORMEX
...guaranteed growing success

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME HORMEX CONCENTRATE	EMERGENCY TELEPHONE NO. 818-576-1100 EPA REG. NO. N/A
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MANUFACTURER'S NAME BROOKER CHEMICAL CORPORATION	DATE PREPARED REV. 04/99
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ADDRESS (Number, Street, City, State, Zip Code) P.O. BOX 5096, CHATSWORTH, CA 91313
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HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME (49CFR 172.101) PLANT GROWTH REGULATOR OTHER THAN POISON NOT REGULATED BY DOT	HAZARD CLASS (49 CFR 172.101): NONE
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CHEMICAL FAMILY: PLANT GROWTH REGULATOR

SECTION II INGREDIENTS (list all ingredients)

ACTIVE INGREDIENTS:	CAS REGISTRY NO.	%
1-NAPHTHALENEACETIC ACID	86-87-3	0.24
INDOLE-3-BUTYRIC ACID	133-32-4	0.013
INERT INGREDIENTS:		
VITAMIN B1 THIAMIN HYDROCHLORIDE	N/A	0.25

SECTION III - PHYSICAL DATA

BOILING POINT (°F) (°C)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	1.21
VAPOR PRESSURE (mm Hg):	N/A (psi): N/A	PERCENT VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR =1)	N/A	EVAPORATION RATE (=1)	N/A
SOLUBILITY IN WATER	SOLUBLE	pH =	6.8
APPEARANCE AND ODOR CLEAR OR REDDISH LIQUID WITH VITAMIN ODOR		IS MATERIAL LIQUID: XXX SOLID: GAS: PASTE: POWDER:	

SECTION IV - FIRE EXPLOSION HAZARD DATA

FLASH POINT (method used) ('F) ('C) NONE | FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: DRY CHEMICALS ON SMALL FIRES. WATER SPRAY ON LARGE FIRES.

SPECIAL FIRE FIGHTING PROCEDURES: NONE | UNUSUAL FIRE & EXPLOSION HAZARDS: NONE KNOWN

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: MAY CAUSE SKIN AND EYE IRRITATION. MAY CAUSE VOMITING IF INGESTED. PRE-EXISTING SKIN DISORDERS CAN BE AGGRAVATED BY EXPOSURE. NO KNOWN CHRONIC EFFECTS.

EMERGENCY & FIRST AID PROCEDURES: IF SWALLOWED: CALL PHYSICIAN OR POISON CONTROL CENTER. GIVE ONE OR TWO GLASSES OF WATER AND INDUCE VOMITING BY TOUCHING FINGER TO BACK OF THROAT DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF IN EYES: FLUSH WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. IF INHALED: REMOVE VICTIM TO FRESH AIR. IF ON SKIN: REMOVE CONTAMINATED CLOTHING, WASH AFFECTED AREA WITH SOAP AND WATER. LAUNDRER CLOTHES BEFORE REUSING.

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE | CONDITIONS TO AVOID: NONE
STABLE XXX

INCOMPATIBILITY (materials to avoid): NONE | CONDITIONS TO AVOID: NONE

HAZARDOUS POLYMERIZATION: MAY OCCUR | CONDITIONS TO AVOID: NONE
WILL NOT OCCUR XXX

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: TREAT AREA WITH WATER. ABSORB WITH INERT MATERIAL AND PLACE IN APPROVED CONTAINERS.

WASTE DISPOSAL METHOD: DISPOSE OF WASTE AND CONTAINERS IN ACCORDANCE WITH LOCAL/STATE AUTHORITIES

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NOT EXPECTED TO BE AN INHALATION HAZARD UNDER NORMAL USE.

VENTILATION: FRESH AIR | SPECIAL:
LOCAL EXHAUST (specify rate): | OTHER: CLEAN, BODY COVERING CLOTHING.
MECHANICAL (general specific rate): N/A

PROTECTIVE GLOVES: YES | EYE PROTECTION: YES

OTHER PROTECTIVE EQUIPMENT: EYE FOUNTAIN & WASHING FACILITIES NEAR WORK AREA.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. DO NOT GET IN EYES OR ON SKIN OR CLOTHING. DO NOT BREATHE DUST. DO NOT CONTAMINATE FOOD, FEED OR WATER BY STORAGE OR DISPOSAL. STORE IN ORIGINAL, CLOSED CONTAINER IN A LOCKED STORAGE AREA.

OTHER PRECAUTIONS: NONE

NFPA & HMIS HAZARD RATING SCALE: 0 = MINIMAL 1 = SLIGHT 2 = MODERATE 3 = SERIOUS 4 = SEVERE

NFPA HAZARD RATING: HEALTH: (1) FIRE: (0) REACTIVE: (0)

HMIS HAZARD RATING: HEALTH (1) FIRE: (0) REACTIVE: (0)

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