

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name.....SHAW'S BARRICADE® WITH PLANT FOOD
Common Name.....Granular Fertilizer, Mixed Fertilizer, N-P-K
Product
UNMA#.....N/A DOT Hazard Class.....N/A
Shipping Name.....Fertilizer compound (Manufactured Fertilizer)
NOI, Dry

II. COMPOSITION/INFORMATION ON INGREDIENTS

Exposure Limits.....
Material - Formula - Cas. No. - % WL - Osha-Pel - ACGIH-TLV *SEE
ADDENDUM I

III. PHYSICAL DATA

Density.....40-70 lb. / ft. 3
Boiling Point.....N/A, Dry Solid
Melting Point.....Partially decomposes at 212°F
Vapor Pressure.....N/A PH.....6-8 Vapor Density.....N/A
Solubility in Water.....20-60% of product is soluble
Appearance and Odor.....Multi-yellow color granules and mild aromatic odor

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method).....N/A
NFPA Rating.....Health 0 ♦ Fire 0 ♦ Reactivity 0 ♦ Special Hazard 0
Flammable Limits (Lel).....N/A (Uel).....N/A
Extinguishing Media.....Water, foam, carbon dioxide or dry chemicals

SPECIAL FIRE FIGHTING PROCEDURES: May emit noxious and toxic fumes when heated to decomposition (NOX, HG, CO). Self-contained breathing apparatus should be used.

This information is taken from sources or based upon data believed to be reliable; However, Knox Fertilizer Company, Inc. makes no warranty as to the absolute correctness or sufficiency of any of the foregoing, or that additional or other measures may not be required under particular conditions.

V. REACTIVITY DATA

Stability.....This is a stable material
Conditions to avoid.....Do not store in direct sunlight or at temperatures above 120° F
Incompatibility.....Generally none. Water damages product and may contribute to the release of ammonia vapors.
Hazardous Decompositions
Products.....Under fire conditions, ammonia, sulfur oxides, chlorides, fluorides and nitrogen oxides.
Hazardous Polymerization.....Will not occur.

VI. SPILL OR LEAK PROCEDURES:

Steps to be taken in case material is released: In case of release to the environment, report spills to the National Response Center 1-800-424-8802.

Suggested Local Action: Contain spill. Prevent large quantities from contacting vegetation or domestic and natural water sources. If material is not contaminated, collect product and use as intended. If material is contaminated, place in appropriate containers for disposal.

Waste Disposal Method: (EPA Waste Identification No.: N/A) If contaminated with other materials, the nature and extent of contamination may require the use of specialized disposal methods. If disposal is necessary, comply with all local, state, and federal regulations. Contact your local EPA office for information.

For Hazardous Waste Regulation, call 1-800-424-9346 - the RCR A Hotline.

VII. HEALTH HAZARD INFORMATION

EFFECTS OF OVER-EXPOSURE: Indicated below are for the unimpregnated fertilizer, for health information on any active pesticide ingredients refer to attached suppliers material safety sheets (See Addendum). Except under conditions of severe over-exposure, this fertilizer compound is regarded to have a relatively low acute health hazard potential.

INHALATION: Extremely high concentrations of fertilizer dust are typically self-limited due to the nuisance conditions they create. Over-exposure may produce irritation of the mucous membranes, nose, throat, coughing, and shortness of breath. In addition, certain fertilizers may contain small amount of silica particles less than 5 mm in diameter. These silica particles are capable of causing silicosis if inhaled in high enough concentrations over an extended period of time. The principal manifestation of silicosis is difficulty in breathing. This condition can progress to dry cough, shortness of breath or exertion, decreased lung function, and pulmonary fibrosis.

SKIN CONTACT: May cause irritation, particular on damp skin. Repeated or prolonged contact could lead to dermatitis.

EYE CONTACT: May cause irritation and conjunctivitis.

INGESTION: May produce nausea, vomiting, abdominal discomfort; if swallowed in very large amounts, may cause increased urination and central nervous system depression.

EMERGENCY AND FIRST AID PROCEDURE

INHALATION: Remove from exposure. If breathing is difficult or has stopped, administer artificial respiration or oxygen as indicated. Immediately seek medical aid.

SKIN CONTACT: Wash skin thoroughly with soap and water. Seek medical aid.

EYES CONTACT: Flush immediately with large amounts of water, lifting the lower and upper lids occasionally. Seek medical aid.

INGESTION: Give 1-2 glasses of water or milk. Induce vomiting. Seek immediate medical attention. Never give liquids to an unconscious person.

VIII.

SPECIAL PROTECTION INFORMATION:

RESPIRATORY: Respiratory protection approved by NIOSH/MSHA for protection against air dust should be used to avoid inhalation. Appropriate respiration selection depends on the type and magnitude of exposure.

SKIN: Clean, body-covering clothing should be worn to prevent irritation in situations where direct contact with product may occur.

EYES: Employees should be required to wear safety glasses in situations where direct contact with the product may result in eye injury.

VENTILATION: Local external ventilation should be used to control worker exposure to below recommended Permissible Exposure Levels (PEL).

OTHER PROTECTIVE EQUIPMENT: Emergency eye wash stations and deluge safety showers should be available in work area.

IX.

SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place. DO NOT Store near food or feed. Keep out of reach of children and pets.

OTHER COMMENTS: Chronic Effects-Long term exposure to dusts containing fluoride or quartz may produce more severe toxicity. Fluoride of the teeth changes in the kidneys, bones, and ligaments, and inhibition of certain enzymes. Chronic exposure and/or high levels of inorganic fluorides administered to experimental animals have been shown to produce changes in several organs and certain enzymes. Adverse reproductive effects have also been suggested. Of the available animal carcinogenicity data, a single inadequately reported study has provided some evidence of the carcinogenicity of sodium fluoride to mice (IARC27,237,82). Quartz dust may produce nodules in the lungs which may gradually progress to the formation of fibrous tissue. Symptoms may include coughing, shortness of breath, and wheezing.

ADDENDUM I

Product Name	Barricade® W/Plant	MSDS	8378-38
Food			8378-39
Exposure Limits...	See below		8378-40
			8378-56

II. INGREDIENTS AND RECOMMENDED OCCUPATION EXPOSURE LIMITS

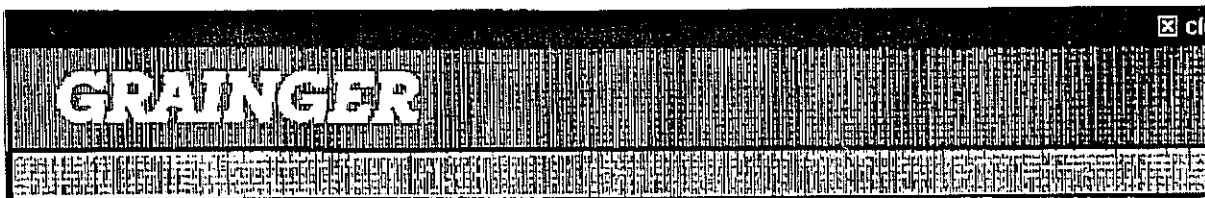
NOTE: Consult the guaranteed analysis statement on the above product container to determine which below materials are found in that product.

MATERIALS	FORMULA	CAS. #	% WT.	OSHA-PEL	ACGIH-TLV
Barricade	C12H17FN4O4	2901-21-2	0.205	-	-
Urea	N2H4CO	57-13-6	0.75	NE	NE
Diammonium Phosphate	N2H6P2O4	7763-28-0	0.40	5ppm (as NH3)	2ppm (as NH3)
Potassium Chloride	KCl	7447-40-7	0.70	NE	NE
Urea	CH4N2O	1317-65-3	0.50	NE	NE
Dolomite Urea	CaCO3 + H2O	16398-88-1	0.40	NE	NE
Ammonium Sulfate	N2H8S2O4	7763-20-2	0.75	5ppm (as NH3)	2ppm (as NH3)
Potassium Sulfate	K2SO4	7778-80-5	0.20	NE	NE
Super Phosphate	CaH4P2O8	7759-23-8	0.10	NE	NE
Corrosive (Phosphoric)	-	NE	0.00	NE	NE
Calcium Hydroxide	-	60131-34-7	0.01	NE	NE
Conditioners, Impurities	-	NE	0.01	NE	NE
Sulfur Coated Urea	NA	NE	0.25	NE	NE
Urea Formaldehyde	NA	6011-05-6	0.25	NE	NE
Nitrogen	NA	NE	0.25	NE	NE
Monocalcium Phosphate	NAH2P2O4	7722-78-1	0.40	15mg/m3	15mg/m3
Potassium Nitrate	NA	7757-79-1	0.50	ND	ND
Sodium Borate	-	11130124	-	10mg/m3	-
Copper Oxide	-	1317391	-	1mg Cu/m3	-
Copper Sulfate	-	775998	-	1mg Cu/m3	-
Iron Oxide	-	133272	-	5mg Fe/m3	-
Iron Sulfate	-	7720787	-	1mg Fe/m3	-
Manganese Oxide	-	1344430	-	1mg Mn/m3	-
Manganese Sulfate	-	776377	-	1mg Mn/m3	-
Sodium Molybdate	-	7631660	-	5mg Mo/m3	-
Zinc Oxide	-	1314132	-	5mg Zn/m3	-
Zinc Sulfate	-	7733002	-	5mg Zn/m3	-

*NE - NON ESTABLISHED

The following dust limits apply:

CLASS	OSHA-PEL	SCGIH-TLV
Total Dust (In Air)	15 mg/m3	10 mg/m3
Respirable Dust (In Air)	5 mg/m3	5 mg/m3

**EM SCIENCE
KEROSENE**

Revised: 6/7/2002

MSDS Contents

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Item Number:

3NE37, 3NE38, 3NE39, 3NE40, 3NE41, 3NE42,
3NE43, 3NE44, 3NE45, 3NE46, 3NE47, 3NE48,
3NE49, 3NE50, 3UB34, 3UB35, 3UB36, 3UB37

Mfg. Model Number:

BX9140301SPBWWG, BX9140302SPBWWG,
BX9140303SPBWWG, BX9140304SPBWWG,
BX9140306SPBWWG, BX9140307SPBWWG,
BX9140308SPBWWG, BX9140601SPBWWG,
BX9140602SPBWWG, BX9140603SPBWWG,
BX9140604SPBWWG, BX9140606SPBWWG,
BX9140607SPBWWG, BX9140608SPBWWG,
BX9140309SPBWWG, BX9140313SPBWWG,
BX9140609SPBWWG, BX9140613SPBWWG

MATERIAL SAFETY DATA SHEET**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:** KEROSENE**MANUFACTURER:**

EM SCIENCE

A DIVISION OF EM INDUSTRIES

P.O. BOX 70

480 DEMOCRAT ROAD

GIBBSTOWN, N.J. 08027

FOR MORE INFORMATION CALL:

856-423-6300 TECHNICAL SERVICE

MONDAY-FRIDAY: 8:00 AM-5:00 PM

SYNONYM: NONE.**MATERIAL USES:** ANALYTICAL REAGENT.**CHEMICAL FAMILY:** HYDROCARBON.**PRODUCT CODE:** KX0020**EFFECTIVE DATE:** 6/7/2002**IN CASE OF EMERGENCY CALL:**

800-424-9300 CHEMTREC (USA)

*8 pages**Attn: Tom**From: Amy J. Granger*

613-996-6666 CANUTEC (CANADA)
24 HOURS/DAY: 7 DAYS/WEEK

SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS

COMPONENT	CAS #	% BY WEIGHT
KEROSENE	8008-20-6	100

SECTION 3. HAZARDS IDENTIFICATION

PHYSICAL STATE AND APPEARANCE: LIQUID.

EMERGENCY OVERVIEW:

WARNING!

ASPIRATION HAZARD.

HAZARDOUS IF INHALED OR SWALLOWED.

FLAMMABLE LIQUID AND VAPOR.

VAPOR MAY CAUSE FIRE.

CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

SUSPECT CANCER HAZARD.

MAY CAUSE CANCER.

CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS: RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM, EYE, LENS OR CORNEA.

ROUTES OF ENTRY: ABSORBED THROUGH SKIN. EYE CONTACT. INHALATION. INGESTION.

POTENTIAL ACUTE HEALTH EFFECTS:

EYES:

HAZARDOUS IN CASE OF EYE CONTACT (IRRITANT). INFLAMMATION OF THE EYE IS CHARACTERIZED BY REDNESS, WATERING, AND ITCHING.

SKIN:

HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT). SKIN INFLAMMATION IS CHARACTERIZED BY ITCHING, SCALING, REDDENING, OR, OCCASIONALLY, BLISTERING.

INHALATION: HAZARDOUS IN CASE OF INHALATION (LUNG IRRITANT).

INGESTION:

HAZARDOUS IN CASE OF INGESTION. ASPIRATION HAZARD IF SWALLOWED-CAN ENTER LUNGS AND CAUSE DAMAGE.

POTENTIAL CHRONIC HEALTH EFFECTS:

CARCINOGENIC EFFECTS: CLASSIFIED 2A (PROBABLE FOR HUMAN.) BY IARC.
ADDITIONAL INFORMATION SEE TOXICOLOGICAL INFORMATION (SECTION 11)

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

REPEATED EXPOSURE TO A HIGHLY TOXIC MATERIAL MAY PRODUCE GENERAL DETERIORATION OF HEALTH BY AN ACCUMULATION IN ONE OR MANY HUMAN ORGANS.

SECTION 4. FIRST AID MEASURES

EYE CONTACT:

CHECK FOR AND REMOVE ANY CONTACT LENSES. IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT:

IN CASE OF CONTACT, IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. COVER THE IRRITATED SKIN WITH AN EMOLIENT. WASH CLOTHING BEFORE REUSE. THOROUGHLY CLEAN SHOES BEFORE REUSE. GET MEDICAL ATTENTION IMMEDIATELY.

INHALATION:

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION:

DO NOT INDUCE VOMITING. IF AFFECTED PERSON IS CONSCIOUS GIVE PLENTY OF WATER TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 5. FIRE FIGHTING MEASURES

FLAMMABILITY OF THE PRODUCT: COMBUSTIBLE.

AUTO-IGNITION TEMPERATURE: 228.9 DEG. C (444 DEG. F)

FLASH POINTS:

CLOSED CUP: 37.9 TO 85.05 DEG. C (100.2 TO 185.1 DEG. F).

FLAMMABLE LIMITS: NOT AVAILABLE.

PRODUCTS OF COMBUSTION: NOT AVAILABLE.

FIRE HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES:

FLAMMABLE IN PRESENCE OF OPEN FLAMES, SPARKS AND STATIC DISCHARGE, OF HEAT, OF OXIDIZING MATERIALS.

EXPLOSION HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES:

RISKS OF EXPLOSION OF THE PRODUCT IN PRESENCE OF STATIC DISCHARGE:
FLAMMABLE IN PRESENCE OF OPEN FLAMES, SPARKS AND STATIC DISCHARGE.

RISKS OF EXPLOSION OF THE PRODUCT IN PRESENCE OF MECHANICAL IMPACT: NO.

FIRE FIGHTING MEDIA AND INSTRUCTIONS:

SMALL FIRE: USE DRY CHEMICAL POWDER.

LARGE FIRE: USE WATER SPRAY, FOG OR FOAM. DO NOT USE WATER JET.

PROTECTIVE CLOTHING (FIRE):

BE SURE TO USE AN APPROVED/CERTIFIED RESPIRATOR OR EQUIVALENT.

SPECIAL REMARKS ON FIRE HAZARDS: NOT AVAILABLE.

SPECIAL REMARKS ON EXPLOSION HAZARDS: NOT AVAILABLE.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL AND LEAK:

ABSORB WITH AN INERT MATERIAL AND PUT THE SPILLED MATERIAL IN AN APPROPRIATE WASTE DISPOSAL.

LARGE SPILL AND LEAK:

KEEP AWAY FROM HEAT. KEEP AWAY FROM SOURCES OF IGNITION. STOP LEAK IF WITHOUT RISK. DO NOT GET WATER INSIDE CONTAINER. DO NOT TOUCH SPILLED MATERIAL. USE WATER SPRAY TO REDUCE VAPORS. PREVENT ENTRY INTO SEWERS, BASEMENTS OR CONFINED AREAS; DIKE IF NEEDED. CALL FOR ASSISTANCE ON DISPOSAL. BE CAREFUL THAT THE PRODUCT IS NOT PRESENT AT A CONCENTRATION LEVEL ABOVE TLV. CHECK TLV ON THE MSDS AND WITH LOCAL AUTHORITIES.

SPILL KIT INFORMATION:

THE FOLLOWING EM SCIENCE SPILLSOLV(TM) ABSORBENT IS RECOMMENDED FOR THIS PRODUCT: SX1330 SOLVENT TREATMENT KIT

SECTION 7. HANDLING AND STORAGE

HANDLING:

KEEP AWAY FROM HEAT, SPARKS AND FLAME. DO NOT INGEST. KEEP CONTAINER CLOSED. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.

STORAGE: KEEP CONTAINER IN A COOL, WELL-VENTILATED AREA.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

PROVIDE EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO KEEP THE AIRBORNE CONCENTRATIONS OF VAPORS BELOW THEIR RESPECTIVE OCCUPATIONAL EXPOSURE LIMITS. ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE PROXIMAL TO THE WORK-STATION LOCATION.

PERSONAL PROTECTION:

EYES: SPLASH GOGGLES.

BODY: LAB COAT.

RESPIRATORY:

VAPOR RESPIRATOR. BE SURE TO USE AN APPROVED/CERTIFIED RESPIRATOR OR EQUIVALENT. WEAR APPROPRIATE RESPIRATOR WHEN VENTILATION IS INADEQUATE.

HANDS: GLOVES.

FEET: NOT APPLICABLE.

PERSONAL PROTECTION IN CASE OF A LARGE SPILL:

SPLASH GOGGLES. FULL SUIT. VAPOR RESPIRATOR. BOOTS. GLOVES. A

PERSONAL PROTECTION IN CASE OF A LARGE SPILL:
SPLASH GOGGLES. FULL SUIT. VAPOR RESPIRATOR. BOOTS. GLOVES. A

SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED TO AVOID INHALATION OF THE PRODUCT. SUGGESTED PROTECTIVE CLOTHING MIGHT NOT BE SUFFICIENT; CONSULT A SPECIALIST BEFORE HANDLING THIS PRODUCT.

PRODUCT NAME	EXPOSURE LIMITS
KEROSENE	ARBEJDSSTILSYNET (DENMARK, 2000). GV: 180 MG/M3 GV: 25 PPM NIOSH REL (UNITED STATES, 2000). TWA: 100 MG/M3 PERIOD: 10 HOUR(S).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: NOT AVAILABLE.

COLOR: COLORLESS.

PHYSICAL STATE AND APPEARANCE: LIQUID.

MOLECULAR WEIGHT: NOT AVAILABLE.

MOLECULAR FORMULA: NOT AVAILABLE.

pH: NOT APPLICABLE.

BOILING/CONDENSATION POINT: 175.06 TO 325.06 DEG. C (347.1 TO 617.1 DEG. F)

MELTING/FREEZING POINT: -45.55 DEG. C (-50 DEG. F)

SPECIFIC GRAVITY: 0.8 (WATER = 1)

VAPOR PRESSURE: NOT AVAILABLE.

VAPOR DENSITY: 4.5 (AIR = 1)

ODOR THRESHOLD: NOT AVAILABLE.

EVAPORATION RATE: 0.212138

LOGKOW: NOT AVAILABLE.

SOLUBILITY: INSOLUBLE IN WATER.

SECTION 10. STABILITY AND REACTIVITY

STABILITY AND REACTIVITY: THE PRODUCT IS STABLE.

CONDITIONS OF INSTABILITY: NOT AVAILABLE.

INCOMPATIBILITY WITH VARIOUS SUBSTANCES: NOT AVAILABLE.

REM/INCOMPATIBILITY: NOT AVAILABLE.

HAZARDOUS DECOMPOSITION PRODUCTS: NOT AVAILABLE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 11. TOXICOLOGICAL INFORMATION

RTECS NUMBER: KEROSENE OA5500000

TOXICITY:

ACUTE ORAL TOXICITY (LD50): 2835 MG/KG (RABBIT).

CHRONIC EFFECTS ON HUMANS:

CARCINOGENIC EFFECTS: CLASSIFIED 2A (PROBABLE FOR HUMAN.) BY IARC.

ACUTE EFFECTS ON HUMANS:

HAZARDOUS IN CASE OF EYE CONTACT (IRRITANT). INFLAMMATION OF THE EYE IS CHARACTERIZED BY REDNESS, WATERING, AND ITCHING. HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT). SKIN INFLAMMATION IS CHARACTERIZED BY ITCHING, SCALING, REDDENING, OR, OCCASIONALLY, BLISTERING. HAZARDOUS IN CASE OF INHALATION (LUNG IRRITANT). HAZARDOUS IN CASE OF INGESTION.

SYNERGETIC PRODUCTS (TOXICOLOGICALLY): NOT AVAILABLE.

IRRITANCY:

DRAIZE TEST (RABBIT):

SKIN: 500 MG/TIME NOT AVAILABLE.

REACTION: SEVERE.

SENSITIZATION: NOT AVAILABLE.

CARCINOGENIC EFFECTS: CLASSIFIED 2A (PROBABLE FOR HUMAN.) BY IARC.

TOXICITY TO REPRODUCTIVE SYSTEM: NOT AVAILABLE.

TERATOGENIC EFFECTS: NOT AVAILABLE.

MUTAGENIC EFFECTS:

TESTS ON LABORATORY ANIMALS FOR MUTAGENIC EFFECTS ARE CITED IN REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS).

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY: NOT AVAILABLE.

BOD5 AND COD: NOT AVAILABLE.

SECTION 13. DISPOSAL CONSIDERATIONS

EPA WASTE NUMBER: D001

TREATMENT:

INCINERATION, FUELS BLENDING OR RECYCLE. CONTACT YOUR LOCAL PERMITTED WASTE DISPOSAL SITE (TSD) FOR PERMISSIBLE TREATMENT SITES. ALWAYS CONTACT A PERMITTED WASTE DISPOSAL (TSD) TO ASSURE COMPLIANCE WITH ALL CURRENT LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION 14. TRANSPORT INFORMATION

DOT CLASSIFICATION: NOT AVAILABLE.

TDG CLASSIFICATION: NOT AVAILABLE.

IMO/IMDG CLASSIFICATION: NOT AVAILABLE.

ICAO/IATA CLASSIFICATION: NOT AVAILABLE.

SECTION 15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA 8(B) INVENTORY: KEROSENE

SARA 302/304/311/312 EXTREMELY HAZARDOUS SUBSTANCES:
NO PRODUCTS WERE FOUND.

SARA 302/304 EMERGENCY PLANNING AND NOTIFICATION: NO PRODUCTS WERE FOUND.

SARA 302/304/311/312 HAZARDOUS CHEMICALS: KEROSENE

SARA 311/312 MSDS DISTRIBUTION - CHEMICAL INVENTORY - HAZARD
IDENTIFICATION:

KEROSENE:

FIRE HAZARD, IMMEDIATE (ACUTE) HEALTH HAZARD, DELAYED (CHRONIC) HEALTH
HAZARD

SARA 313 TOXIC CHEMICAL NOTIFICATION AND RELEASE REPORTING:
NO PRODUCTS WERE FOUND.

CLEAN WATER ACT (CWA) 307: NO PRODUCTS WERE FOUND.

CLEAN WATER ACT (CWA) 311: NO PRODUCTS WERE FOUND.

CLEAN AIR ACT (CAA) 112 ACCIDENTAL RELEASE PREVENTION:
NO PRODUCTS WERE FOUND.

CLEAN AIR ACT (CAA) 112 REGULATED FLAMMABLE SUBSTANCES:
NO PRODUCTS WERE FOUND.

CLEAN AIR ACT (CAA) 112 REGULATED TOXIC SUBSTANCES:
NO PRODUCTS WERE FOUND.

WHMIS (CANADA):

CLASS B-3:

COMBUSTIBLE LIQUID WITH A FLASH POINT BETWEEN 37.8 DEG. C (100 DEG. F) AND
93.3 DEG. C (200 DEG. F).

CLASS D-2A: MATERIAL CAUSING OTHER TOXIC EFFECTS (VERY TOXIC).

CLASS D-2B: MATERIAL CAUSING OTHER TOXIC EFFECTS (TOXIC).

CEPA DSL: KEROSENE

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CONTROLLED PRODUCT REGULATIONS AND THE MSDS CONTAINS ALL REQUIRED INFORMATION.

INTERNATIONAL REGULATIONS:

BINECS: KEROSENE 232-366-4

DSCL (EEC):

R65- HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED.

INTERNATIONAL LISTS:

AUSTRALIA (NICNAS): KEROSENE

CHINA: KEROSENE

KOREA (TCCL): KEROSENE

PHILIPPINES (RA6969): KEROSENE

CHINA: KEROSENE

STATE REGULATIONS:

PENNSYLVANIA RTK:

KEROSENE: (GENERIC ENVIRONMENTAL HAZARD)

MASSACHUSETTS RTK: KEROSENE

NEW JERSEY: KEROSENE

CALIFORNIA PROP. 65: NO PRODUCTS WERE FOUND.

SECTION 16. OTHER INFORMATION

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.):

HEALTH 0

FIRE HAZARD 2

REACTIVITY 0

SPECIFIC HAZARD

CHANGED SINCE LAST REVISION |

NOTICE TO READER:

THE STATEMENTS CONTAINED HEREIN ARE BASED UPON TECHNICAL DATA THAT EM INDUSTRIES BELIEVES TO BE RELIABLE, ARE OFFERED FOR INFORMATION PURPOSES ONLY AND AS A GUIDE TO THE APPROPRIATE PRECAUTIONARY AND EMERGENCY HANDLING OF THE MATERIAL BY A PROPERLY TRAINED PERSON HAVING THE NECESSARY TECHNICAL SKILLS. USERS SHOULD CONSIDER THESE DATA ONLY AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM AND MUST MAKE INDEPENDENT DETERMINATIONS OF SUITABILITY AND COMPLETENESS OF INFORMATION FROM ALL SOURCES TO ASSURE PROPER USE, STORAGE AND DISPOSAL OF THESE MATERIALS AND THE SAFETY AND HEALTH OF EMPLOYEES AND CUSTOMERS AND THE PROTECTION OF THE ENVIRONMENT. EM INDUSTRIES MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, WITH RESPECT TO THE INFORMATION HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS.