



KW 115
NOT FOR EXPORT TO EU

Date of Preparation: 10/13

SDS No. 30197

Revision: 0

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: KW 115

Synonyms: Olefin / Maleic Ester in Heavy Aromatic Naphtha

CAS Number: Mixture

Chemical Formula: Mixture

General Use: Pour point suppressant

Manufacturer: KMCO, 16503 Ramsey Road, Crosby, Texas 77532

24-HOUR EMERGENCY NUMBER - CHEMTREC: 1-800-424-9300

KMCO PHONE: (281) 328-3501

FAX: (281) 328-9528

Restrictions on Use: For Industrial Use Only

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Classification:

OSHA Hazards: Carcinogen

Target Organs: Eyes, Blood, Kidney, Liver, Heart, Central Nervous System

GHS Classification:

Flammable Liquid (Category 4)

Acute Toxicity, oral (Category 4)

Acute Toxicity, inhalation (Category 2)

Eye Damage / Irritation (Category 2A)

Carcinogenicity (Category 2)

Specific Target Organ Toxicity (Single Exposure) (Category 2)

Aspiration Hazard (Category 1)

Hazardous to the Aquatic Environment – Acute Hazard (Category 1)

Signal Word: DANGER



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Hazard Statements:

H226	Flammable liquid and vapor
H302	Harmful if swallowed
H332	Harmful if inhaled
H319	Causes serious eye irritation
H351	Suspected of causing cancer
H336	May cause drowsiness or dizziness
H304	May be fatal if swallowed and enters airways
H400	Very toxic to aquatic life

Precautionary Statements:

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe fume / gas / mist / vapors / spray.
P271	Use only in a well-ventilated area.
P284	Wear respiratory protection.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear eye protection / face protection.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
P330	Rinse mouth..
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P310	IF INHALED: Immediately call a POISON CENTER or Doctor / physician.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice / attention.
P308 + P313	IF exposed or concerned: Get medical advice / attention.



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P312	Call a POISON CENTER or doctor / physician if you feel Unwell.
P331	Do not induce vomiting.
P273	Avoid release to the environment.
P391	Collect spillage.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

77 - 83% of the mixture consists of ingredient(s) of unknown acute toxicity.

HMIS Classification

Health hazard:	2
Chronic Health Hazard	*
Flammability	2
Physical hazards	1

NFPA Classification

Health hazard:	2
Fire:	2
Reactivity	1

Description of Any Other Hazards Not Otherwise Classified: Enviromentally hazardous substance, liquid, N.O.S (contains heavy aromatic naphtha)

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT Name:</u>	<u>CAS NUMBER</u>	<u>%wt. or %v</u>
Olefin / Maleic Ester	68188-50-1	77 – 83
Heavy Aromatic Naphtha	64742-94-5	14 – 20
Trimethylbenzenes	95-63-6	2
Naphthalene	91-20-3	1

SECTION 4: FIRST AID MEASURES



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EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice / attention if eye irritation persists.

SKIN: Wash with plenty of soap and water.

INGESTION: Do not induce vomiting. Immediately call a POISON CENTER or doctor / physician.

INHALATION: Remove victim to fresh air and keep in a position comfortable for breathing. Immediately call a POISON CENTER or doctor / physician.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: *Treatment should be directed at the control of symptoms and the clinical condition of the patient.*

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Dry chemical, foam or carbon dioxide. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak, and disperse vapors.

UNSUITABLE EXTINGUISHING MEDIA: Direct water stream.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate area. Do not use direct water stream to extinguish fires. Product may travel with water and reignite. Vapors can flow along surfaces to distant ignition source and flash back. Do not release runoff from fire control methods to sewers or waterways.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapor-air mixtures may be explosive. Contact with strong oxidizers may cause fire. Containers may explode when involved in a fire.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, and unidentified organic compounds.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS: Wear full protective clothing and NIOSH – approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive breathing mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES



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PERSONAL PRECAUTIONS: Use appropriate personal protective equipment. Avoid breathing vapors, mist or gas. Avoid contact with spilled material. Insure adequate ventilation. Remove all sources of ignition. Use non-sparking tools and equipment.

PROTECTIVE CLOTHING: Standard work uniform. Impervious gloves. Safety glasses. Personnel should increase PPE level as deemed appropriate in any given situation.

EMERGENCY PROCEDURES:

SMALL SPILLS: Contain and recover liquid when possible. Collect liquid in appropriate container or absorb with an inert material (such as vermiculite or dry sand) and place in chemical waste container. Do not use combustible materials such as sawdust for the cleanup.

LARGE SPILLS:

Containment: Shut off source of leak if safe to do so. Dike far ahead of liquid spill for later disposal. Do not allow material to enter sewers or waterways.

Cleanup: Contain and recover liquid when possible. Collect liquid in appropriate container. Absorb residue with an inert material (such as vermiculite or dry sand) and place in chemical waste container. Do not use combustible materials such as sawdust for the cleanup.

SECTION 7: HANDLING AND STORAGE

HANDLING PRECAUTIONS: Handle material in a well-ventilated area to minimize potential exposure hazard.

STORAGE REQUIREMENTS: Store out of direct sunlight and in a cool, well-ventilated area.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Controls should be such that adequate ventilation is provided.

VENTILATION: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work place by controlling it at its source.

RESPIRATORY PROTECTION: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA / NIOSH



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approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non-routine operations (e.g. cleaning spills, reactor vessels, or storage tanks), wear an SCBA. *Warning! Air purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

EYE PROTECTION: Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133) Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with, contact lenses.

SKIN PROTECTION: Wear chemically protective gloves, boots, aprons and gauntlets to prevent prolonged or repeated skin contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Make emergency eyewash stations, safety/quick drench showers and washing facilities available in work areas.

WORK HYGIENIC PRACTICES: Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material especially before eating, drinking, smoking, using the toilet, or applying cosmetics. Separate contaminate work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment. Discard belts and shoes that cannot be cleaned.

EXPOSURE GUIDELINES:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Olefin / Maleic Ester	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
Heavy Aromatic Naphtha	None estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
Mixed Xylenes	25 ppm	none estab.	25 ppm	none estab.	25 ppm	none estab.	none estab.
Naphthalene	10 ppm	15 ppm	10 ppm	15 ppm	10 ppm	15 ppm	none estab.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: solid below 120°F

APPEARANCE AND COLOR: brown

ODOR: aromatic

FLASH POINT: 160° F (71° C)

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: not available

AUTO IGNITION TEMPERATURE: not available

DECOMPOSITION TEMPERATURE: not available

VAPOR PRESSURE: not available

ODOR THRESHOLD: not available

VAPOR DENSITY (air = 1): >1

pH: 5 - 8

RELATIVE DENSITY: 6.83 – 7.33 lb/gal

SPECIFIC GRAVITY (H₂O =1 AT 4 C): 0.82 – 0.88

MELTING POINT / FREEZING POINT: 100°- 110° F

WATER SOLUBILITY: not soluble

OTHER SOLUBILITIES: not available

INITIAL BOILING POINT AND BOILING RANGE: not available

EVAPORATION RATE (BuAc = 1): 0.2

PARTITION COEFFICIENT: n-OCTANOL/WATER: not available

VISCOSITY: not available

REFRACTIVE INDEX: not available

FORMULA WEIGHT: mixture

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: none under normal handling.

STABILITY: stable at room temperature in closed containers under normal storage and handling conditions.

CONDITIONS TO AVOID (STABILITY): heat and flame.

INCOMPATIBILITY (MATERIAL TO AVOID): oxidizing agents.



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HAZARDOUS DECOMPOSITION BY-PRODUCTS: Thermal oxidative decomposition can produce carbon monoxide, carbon dioxide and unknown organic compounds.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

CONDITIONS TO AVOID (POLYMERIZATION): Hazardous polymerization will not occur.

HAZARDOUS POLYMERICATION BY-PRODUCTS: Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

SIGNS AND SYMPTOMS OF OVEREXPOSURE: This product contains naphthalene for which absorption into the body leads to the formation of methemoglobin which in sufficient concentration causes cyanosis. Onset may be delayed 2 to 4 hours or longer. Naphthalene is retinotoxic and systemic absorption of its vapors above 15 ppm may result in: cataracts, optic neuritis, corneal injury, eye irritation. Ingestion may provoke the following symptoms: hemolytic anemia, hemoglobinuria, nausea, headache, vomiting, gastrointestinal disturbance, convulsions and anemia. Kidney injury may occur. Seizures. Coma.

ACUTE EFFECTS:

EYE CONTACT: eye contact with liquid may be irritating.

SKIN CONTACT: liquid is mildly irritating to the skin and could cause skin irritation and dermatitis.

INHALATION: vapors may cause shortness of breath and aggravate any existing pulmonary disease or respiratory condition.

INGESTION: May cause lung damage if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs. May produce central nervous system depression.

TARGET ORGAN EFFECTS: may cause respiratory irritation.

CHRONIC EFFECTS: not available.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: may aggravate an existing dermatitis, throat or respiratory condition.



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ACUTE TOXICITY VALUES

Olefin / Maleic Ester

ORAL LD50 (state animal): data unavailable

DERMAL LD50 (state animal): data unavailable

INHALATION LC50 (state animal): data unavailable

Heavy Aromatic Naphtha

ORAL LD50 (rat): 6318 mg/kg

DERMAL LD50 (rabbit): >2000 mg/kg

INHALATION LC50 (rat): >4688 mg/m³

Trimethylbenzenes

ORAL LD50 (rat): 5,000 mg/kg

DERMAL LD50 (state animal): data unavailable

INHALATION LC50 (rat): 18,000 mg/m³

Naphthalene

ORAL LD50 (rat): 490 mg/kg

DERMAL LD50 (rabbit): 20,000 mg/kg

INHALATION LC50 (rat): >340 mg/m³

LISTED CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM REPORT ON CARCINOGENS: Reasonably anticipated to be a human carcinogen (naphthalene).

IARC LISTED AS POTENTIAL CARCINOGEN: 2B – Group 2B – Possibly carcinogenic to humans (naphthalene).

OSHA LISTED AS POTENTIAL CARCINOGEN: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 12: ECOLOGICAL INFORMATION

DATA FROM TOXICITY TESTS ON AQUATIC AND/OR TERRESTRIAL ORGANISMS:

Olefin / Maleic Ester

Fish: data unavailable



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Daphnia: data unavailable

Heavy Aromatic Naphtha

Fish: LC50 - Onchorhynchus mykiss (rainbow trout) - < 5 mg/l - 96h

Daphnia: EC50 – Daphnia magna (water flea) - <10 mg/l 48h

Trimethylbenzenes

Fish: LC50 – Pimephales promelas (fathead minnow) – 7.72 mg/l – 96h

Daphnia: EC50 – Daphnia magna (water flea) – 3.6 mg/l – 48h

Naphthalene

Fish: LC50 - Onchorhynchus mykiss (rainbow trout) – 9.8 mg/l - 96h

LC50 – Pimephales promelas (fathead minnow) – 6.5 mg/l – 96h

Daphnia: EC50 – Daphnia magna (water flea) 3.40 mg/l – 48h

ENVIRONMENTAL FATE: data not available

BIOACCUMULATION POTENTIAL: data not available

POTENTIAL TO MOVE FROM SOIL TO GROUNDWATER: data not available

OTHER ADVERSE ENVIRONMENTAL EFFECTS: data unavailable for mixture

SECTION 13: DISPOSAL CONSIDERATIONS

CONTAINERS TO USE: no specific recommendations.

RECOMMENDED DISPOSAL METHODS: Whatever cannot be saved for recovery or recycling should be disposed of in an approved waste facility in accordance with Federal, State/Provincial and Local requirements.

PHYSICAL AND CHEMICAL PROPERTIES THAT MAY AFFECT DISPOSAL ACTIVITIES: no specific information available.

WHENEVER POSSIBLE, MATERIAL SHOULD NOT BE ALLOWED TO ENTER SEWAGE DISPOSAL SYSTEMS.

SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION ACTIVITIES: no specific information available.



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SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (49 CFR 172.101)

PROPER SHIPPING NAME (above 120°F): Combustible liquid, N.O.S. (contains heavy aromatic naphtha); **(below 120°F):** Environmentally Hazardous Substance, Solid, N.O.S. (contains heavy aromatic naphtha)

HAZARD CLASS: 3

UN/NA NUMBER: for liquid: NA1993 for solid: UN3077

PACKING GROUP: III

LABELS REQUIRED: 3

SPECIAL PROVISIONS (172.102): for liquid: 8,146, 335, IB3, T4, TP1, TP29

for solid: 8,146, 335, A112, B54, IB8, IP3, N20, T1, TP33

PACKAGING AUTHORIZATIONS

A) EXCEPTIONS: 150, 155

B) NON-BULK PACKAGING: 119 (liquid); 213 (solid)

C) BULK PACKAGING: 242 (liquid); 240 (solid)

QUANTITY LIMITATIONS:

A) PASSENGER, AIRCRAFT OR RAILCAR: 60L

B) CARGO AIRCRAFT ONLY: 220L

VESSEL STOWAGE REQUIREMENTS

A) VESSEL STOWAGE: A

B) OTHER: none

IATA – BELOW 120° F

UN NUMBER: 3077

PROPER SHIPPING NAME: Environmentally hazardous substance, solid, n.o.s. (contains heavy aromatic naphtha)

CLASS: 9

PACKING GROUP: III

SPECIAL PROVISIONS: A97, A158, A179

EXCEPTED QUANTITY

MAXIMUM PER INNER PACKAGE: 30 g



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MAXIMUM PER PACKAGE: 1.0 kg

LIMITED QUANTITY

PACKING INSTRUCTION: Y956

MAXIMUM PER PACKAGE: 30 kg gross

PASSENGER AIRCRAFT

PACKING INSTRUCTION: 956

MAXIMUM PER PACKAGE: 400 kg

CARGO AIRCRAFT:

PACKING INSTRUCTION: 956

MAXIMUM PER PACKAGE: 400 kg

ERG CODE: 9L

IATA - ABOVE 120°F

UN NUMBER: 3082

PROPER SHIPPING NAME: Environmentally hazardous substance, liquid, n.o.s. (contains heavy aromatic naphtha)

CLASS: 9

PACKAGING GROUP: III

SPECIAL PROVISIONS: A97, A158

EXCEPTED QUANTITY

MAXIMUM PER INNER PACKAGE: 30 mL

MAXIMUM PER PACKAGE: 1.0 L

LIMITED QUANTITY

PACKING INSTRUCTION: Y964

MAXIMUM PER PACKAGE: 30 kg gross

PASSENGER AIRCRAFT

PACKING INSTRUCTION: 964

MAXIMUM PER PACKAGE: 450 L

CARGO AIRCRAFT:

PACKING INSTRUCTION: 964

MAXIMUM PER PACKAGE: 450 L



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ERG CODE: 9L

IMDG – BELOW 120° F

UN NUMBER: UN3077

PROPER SHIPPING NAME: Environmentally hazardous substance, solid, n.o.s. (contains heavy aromatic naphtha)

CLASS OR DIVISION: 9

SUBSIDIARY RISK(S): ---

PACKING GROUP: III

SPECIAL PROVISIONS: 274, 335, 966, 967

LIMITED AND EXCEPTED QUANTITY PROVISIONS

LIMITED QUANTITIES: 5 kg

EXCEPTED QUANTITIES: E1

PACKING

INSTRUCTIONS: P002, LP02

PROVISIONS: PP12

IBC

INSTRUCTIONS: IBC08

PROVISIONS: B3

PORTABLE TANKS AND BULK CONTAINERS

TANK INSTRUCTIONS: T1, BK1, BK2, BK3

PROVISIONS: TP33

EmS: F-A, S-F

STOWAGE AND SEGREGATION: Category A. When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9

IMDG – ABOVE 120° F

UN NUMBER: UN3082

PROPER SHIPPING NAME: Environmentally hazardous substance, liquid, n.o.s. (contains heavy aromatic naphtha)

CLASS OR DIVISION: 9

SUBSIDIARY RISK(S): ---



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PACKING GROUP: III
SPECIAL PROVISIONS: 274, 335

LIMITED AND EXCEPTED QUANTITY PROVISIONS

LIMITED QUANTITIES: 5 L
EXCEPTED QUANTITIES: E1

PACKING

INSTRUCTIONS: P001, LP01
PROVISIONS: PP1

IBC

INSTRUCTIONS: IBC03
PROVISIONS: ---

PORTABLE TANKS AND BULK CONTAINERS

TANK INSTRUCTIONS: T-4
PROVISIONS: TP2, TP29

EmS: F-A, S-F

STOWAGE AND SEGREGATION: Category A.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): all components of this material are on the TSCA inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Spills of this product over the RQ (Reportable Quantity) must be reported to the National Response Center. The RQ for this product, based on the RQ for trimethylbenzenes (2%) and naphthalene (1%) of 100 pounds for each is 5,000 pounds. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulation.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

311/312 HAZARD CATEGORIES:



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Immediate Hazard: yes / no

Delayed Hazard: yes / no

Fire Hazard: yes / no

Pressure Hazard: yes / no

Reactivity Hazard: yes / no

313 REPORTABLE INGREDIENTS: The following components are subject to reporting levels established by SARA Title III, Section 313: 1,2,4-Trimethylbenzene CAS Number 95-63-6, Naphthalene CAS Number 91-20-3.

CLEAN WATER ACT (CWA): this material contains naphthalene, a Clean Water Act chemical.

CLEAN AIR ACT (CAA): this material contains naphthalene, a Clean Air Act chemical.

STATE REGULATIONS:

California: WARNING! This product contains a chemical known to the state of California to cause cancer. Naphthalene, CAS Number 91-20-3.

Massachusetts: 1,2,4-Trimethylbenzene, CAS Number 95-63-6

New Jersey: 1,2,4-Trimethylbenzene, CAS Number 95-63-6

Pennsylvania: 1,2,4-Trimethylbenzene, CAS Number 95-63-6

INTERNATIONAL REGULATIONS:

Persistent Organic Pollutants (United Nations): not listed

Initial List of Prior Informed Consent Chemicals (United Nations): not listed

Ozone Depleting Substances (Montreal Protocol): not listed

Greenhouse Gases (Intergovernmental Panel on Climate Change): not listed

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES: all components are listed.

CANADA: DOMESTIC SUBSTANCES LIST: all components are listed.

CANADA WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS): DB1, Toxic Material at >1% (oral toxicity), D2A, Very Toxic Material at > 0.1% (carcinogenicity), Class 2B, Toxic Material at >1% (skin / eye irritation).

CANADIAN ENVIRONMENTAL PROTECTION AGENCY TOXICS LIST: None of the components of this mixture are listed.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES: This mixture contains component(s) that are not listed. Olefin / Maleic Ester, CAS Number 68188-50-1.



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NEW ZEALAND: Olefin / Maleic Ester, CAS Number 68188-50-1 may be used as a component in a product covered by a group standard but is not approved for use as a chemical in its own right.

PHILLIPPINE INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES: This mixture contains component(s) that are not listed. Olefin / Maleic Ester, CAS Number 68188-50-1.

SECTION 16: OTHER INFORMATION

Prepared by: KMCO

Disclaimer: This product is FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

KMCO believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. No warranty of fitness for any particular purpose, warranty of merchantability, or any other warranty expressed or implied, is made concerning the information provided herein. The information provided herein relates only to the specific product designated and may not be valid where such product is used in combination with any other materials or in any process. Further, since the conditions and methods of use of the product and of the information referred to herein are beyond the control of KMCO, KMCO expressly disclaims any and all liability as to any results obtained or arising from any of the product or reliance on such information.

For additional product information, please contact the KMCO Sales Office at (281) 272-4100.