

MURSATT CHEMICALS LIMITED 11 REGALCREST COURT WOODBRIDGE, ONTARIO, CANADA, L4L 8P3 (905)-850-8444

PRODUCT: SHIELD CODE: MUR0044

SECTION 01: IDENTIFICATION

SUPPLIER IDENTIFIER.....

MURSATT CHEMICALS LIMITED 11 REGALCREST COURT WOODBRIDGE, ONTARIO CANADA

EMERGENCY PHONE NO...... L4L 8P3 CANUTEC (613)-996-6666.

SECTION 02: HAZARD IDENTIFICATION



SIGNAL WORD...... DANGER. HAZARD STATEMENT...... H290 MAY

H290 MAY BE CORROSIVE TO METALS. H315 CAUSES SKIN IRRITATION. H318

CAUSES SERIOUS EYE DAMAGE.

RESISTANT INNER LINER. P264 WASH SKIN THOROUGHLY AFTER HANDLING. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P302+P352 IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER. P332+P313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION. P362+P364 TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE. P305+P351+P338+P310 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO.

CONTINUE RINSING. IMMEDIATELY CALL A POISON CENTER OR

DOCTOR/PHYSICIAN. P321 SPECIFIC TREATMENT (SEE SUPPLEMENTAL FIRST AID

INSTRUCTIONS ON THE SAFETY DATA SHEET).

OTHER HAZARDS...... NONE.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS			
HAZARDOUS INGREDIENTS	CAS#	WT. %	
1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONIC ACID	2809-21-4	5-7	
PHOSPHONIC ACID	13598-36-2	<1	
SODIUM HEXAMETAPHOSPHATE	68915-31-1	33-34	

SECTION 04: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:

THE UPPER AND LOWER EYELIDS. CHECK FOR AND REMOVE ANY CONTACT LENSES. CONTINUE TO RINSE FOR AT LEAST 10 MINUTES. CHEMICAL BURNS

MUST BE TREATED PROMPTLY BY A PHYSICIAN.

WASH CONTAMINATED SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CONTAMINATED CLOTHING THOROUGHLY WITH

SECTION 04: FIRST AID MEASURES

WATER BEFORE REMOVING IT, OR WEAR GLOVES. CONTINUE TO RINSE FOR AT SKIN CONTACT..... LEAST 10 MINUTES. CHEMICAL BURNS MUST BE TREATED PROMPTLY BY A PHYSICIAN. WASH CLOTHING BEFORE REUSE. CLEAN SHOES THOROUGHLY

BEFORE REUSE.

GET MEDICAL ATTENTION IMMEDIATELY. CALL A POISON CENTER OR PHYSICIAN. REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. IF IT IS SUSPECTED THAT FUMES ARE STILL PRESENT, THE RESCUER SHOULD WEAR AN APPROPRIATE MASK OR SELF-CONTAINED

BREATHING APPARATUS. IF NOT BREATHING, IF BREATHING IS IRREGULAR OR IF RESPIRATORY ARREST OCCURS, PROVIDE ARTIFICIAL RESPIRATION OR OXYGEN BY TRAINED PERSONNEL. IT MAY BE DANGEROUS TO THE PERSON PROVIDING AID TO GIVE MOUTH-TO-MOUTH RESUSCITATION. IF UNCONSCIOUS, PLACE IN RECOVERY POSITION AND GET MEDICAL ATTENTION IMMEDIATELY. MAINTAIN AN

OPEN AIRWAY. LOOSEN TIGHT CLOTHING SUCH AS A COLLAR, TIE, BELT OR WAISTBAND.

GET MEDICAL ATTENTION IMMEDIATELY. CALL A POISON CENTER OR PHYSICIAN. WASH OUT MOUTH WITH WATER. REMOVE DENTURES IF ANY. REMOVE VICTIM INGESTION.....

TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. IF MATERIAL HAS BEEN SWALLOWED AND THE EXPOSED PERSON IS CONSCIOUS, GIVE SMALL QUANTITIES OF WATER TO DRINK. STOP IF THE EXPOSED PERSON FEELS SICK AS VOMITING MAY BE DANGEROUS. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. IF VOMITING OCCURS, THE HEAD SHOULD BE KEPT LOW SO THAT VOMIT DOES NOT ENTER THE LUNGS. CHEMICAL BURNS MUST BE TREATED PROMPTLY BY A

PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF UNCONSCIOUS, PLACE IN RECOVERY POSITION AND GET MEDICAL ATTENTION IMMEDIATELY. MAINTAIN AN OPEN AIRWAY. LOOSEN TIGHT CLOTHING SUCH AS A

COLLAR, TIE, BELT OR WAISTBAND.

MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE OR DELAYED:

EYE CONTACT: CAUSES SERIOUS EYE DAMAGE. INHALATION: EXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SERIOUS EFFECTS MAY BE DELAYED FOLLOWING EXPOSURE. SKIN CONTACT: NO KNOWN

SIGNIFICANT EFFECTS OR CRITICAL HAZARDS. INGESTION: MAY CAUSE BURNS

NEEDED

TO MOUTH, THROAT AND STOMACH.

INDICATION OF ANY IMMEDIATE MEDICAL NOTES TO PHYSICIAN - NO SPECIFIC TREATMENT. TREAT SYMPTOMATICALLY.

ATTENTION AND SPECIAL TREATMENT CONTACT POISON TREATMENT SPECIALIST IMMEDIATELY IF LARGE QUANTITIES HAVE BEEN INGESTED OR INHALED. NO ACTION SHALL BE TAKEN INVOLVING ANY PERSONAL RISK OR WITHOUT SUITABLE TRAINING. IF IT IS SUSPECTED THAT FUMES ARE STILL PRESENT, THE RESCUER SHOULD WEAR AN APPROPRIATE MASK OR SELF-CONTAINED BREATHING APPARATUS. IT MAY BE DANGEROUS TO THE PERSON PROVIDING AID TO GIVE MOUTH-TO-MOUTH RESUSCITATION. WASH CONTAMINATED CLOTHING THOROUGHLY WITH WATER BEFORE REMOVING IT.

SECTION 05: FIRE FIGHTING MEASURES

OR WEAR GLOVES.

SUITABLE EXTINGUISHING MEDIA.....

UNSUITABLE EXTINGUISHING MEDIA. SPECIAL HAZARDS ARISING FROM THE PRODUCT:

HAZARDOUS COMBUSTION PRODUCTS. SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:

ENVIRONMENTAL PRECAUTIONS.....

CO2, EXTINGUISHING POWDER OR WATER SPRAY. FIGHT LARGER FIRES WITH WATER SPRAY OR ALCOHOL RESISTANT FOAM. NONE KNOWN

IN A FIRE OR IF HEATED, A PRESSURE INCREASE WILL OCCUR AND THE CONTAINER MAY BURST.

OXIDES OF PHOSPHORUS. OXIDES OF CARBON.

PROMPTLY ISOLATE THE SCENE BY REMOVING ALL PERSONS FROM THE VICINITY OF THE INCIDENT IF THERE IS A FIRE. NO ACTION SHALL BE TAKEN INVOLVING ANY PERSONAL RISK OR WITHOUT SUITABLE TRAINING. FIRE-FIGHTERS SHOULD WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND

SELF- CONTAINED BREATHING APPARATUS (SCBA) WITH A FULL FACE-PIECE OPERATED IN POSITIVE PRESSURE MODE.

SECTION 06: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS..... NO ACTION SHALL BE TAKEN INVOLVING ANY PERSONAL RISK OR WITHOUT SUITABLE TRAINING. EVACUATE SURROUNDING AREAS. KEEP UNNECESSARY

AND UNPROTECTED PERSONNEL FROM ENTERING. DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. DO NOT BREATHE VAPOR OR MIST. PROVIDE ADEQUATE VENTILATION. WEAR APPROPRIATE RESPIRATOR WHEN VENTILATION IS INADEQUATE. PUT ON APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

AVOID DISPERSAL OF SPILLED MATERIAL AND RUNOFF AND CONTACT WITH SOIL, WATERWAYS, DRAINS AND SEWERS. INFORM THE RELEVANT AUTHORITIES IF THE PRODUCT HAS CAUSED ENVIRONMENTAL POLLUTION (SEWERS,

WATERWAYS, SOIL OR AIR).

SECTION 06: ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

SMALL SPILL: STOP LEAK IF WITHOUT RISK. MOVE CONTAINERS FROM SPILL AREA. DILUTE WITH WATER AND MOP UP IF WATER-SOLUBLE. ALTERNATIVELY, OR IF WATER- INSOLUBLE, ABSORB WITH AN INERT DRY MATERIAL AND PLACE IN AN APPROPRIATE WASTE DISPOSAL CONTAINER. ABSORB SPILLAGE TO PREVENT MATERIAL DAMAGE. DISPOSE OF VIA A LICENSED WASTE DISPOSAL CONTRACTOR. LARGE SPILL: STOP LEAK IF WITHOUT RISK. MOVE CONTAINERS FROM SPILL AREA. ABSORB SPILLAGE TO PREVENT MATERIAL DAMAGE. APPROACH RELEASE FROM UPWIND. PREVENT ENTRY INTO SEWERS, WATER COURSES, BASEMENTS OR CONFINED AREAS. WASH SPILLAGES INTO AN EFFLUENT TREATMENT PLANT OR PROCEED AS FOLLOWS. CONTAIN AND COLLECT SPILLAGE WITH NON-COMBUSTIBLE, ABSORBENT MATERIAL, E.G. SAND, EARTH, VERMICULITE OR DIATOMACEOUS EARTH AND PLACE IN CONTAINER FOR DISPOSAL ACCORDING TO LOCAL REGULATIONS (SEE SECTION 13). THE SPILLED MATERIAL MAY BE NEUTRALIZED WITH SODIUM CARBONATE, SÓDIUM BICARBONATE OR SODIUM HYDROXIDE. DISPOSE OF VIA A LICENSED WASTE DISPOSAL CONTRACTOR. CONTAMINATED ABSORBENT MATERIAL MAY POSE THE SAME HAZARD AS THE SPILLED PRODUCT. NOTE: SEE SECTION 1 FOR EMERGENCY CONTACT INFORMATION AND SECTION 13 FOR WASTE DISPOSAL.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:.....

PUT ON APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (SEE SECTION 8). DO NOT GET IN EYES OR ON SKIN OR CLOTHING. DO NOT BREATHE VAPOR OR MIST. DO NOT INGEST. IF DURING NORMAL USE THE MATERIAL PRESENTS A RESPIRATORY HAZARD, USE ONLY WITH ADEQUATE VENTILATION OR WEAR APPROPRIATE RESPIRATOR. KEEP IN THE ORIGINAL CONTAINER OR AN APPROVED ALTERNATIVE MADE FROM A COMPATIBLE MATERIAL, KEPT TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM ALKALIS. EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND CAN BE HAZARDOUS. DO NOT REUSE CONTAINER. ABSORB SPILLAGE TO PREVENT MATERIAL DAMAGE. STORE IN ACCORDANCE WITH LOCAL REGULATIONS. STORE IN ORIGINAL

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY IMCOMPATIBILITES:

CONTAINER PROTECTED FROM DIRECT SUNLIGHT IN A DRY, COOL AND WELL-VENTILATED AREA, AWAY FROM INCOMPATIBLE MATERIALS (SEE SECTION 10) AND FOOD AND DRINK. STORE IN CORROSIVE RESISTANT CONTAINER WITH A RESISTANT INNER LINER. STORE LOCKED UP. SEPARATE FROM ALKALIS. KEEP CONTAINER TIGHTLY CLOSED AND SEALED UNTIL READY FOR USE. CONTAINERS THAT HAVE BEEN OPENED MUST BE CAREFULLY RESEALED AND KEPT UPRIGHT TO PREVENT LEAKAGE. DO NOT STORE IN UNLABELED CONTAINERS. USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION. DO NOT STORE BELOW 0 °C.

SECTION 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	NIOSH REL
1-HYDROXYETHYLIDEN E-1,1-DIPHOSPHONIC ACID	N.AV.	N.AV.	N.AV.	N.AV.	N.AV.
PHOSPHONIC ACID	N.AV.	N.AV.	N.AV.	N.AV.	N.AV.
SODIUM HEXAMETAPHOSPHATE	N.AV.	N.AV.	N.AV.	N.AV.	N.AV.

APPROPRIATE ENGINEERING CONTROLS IF USER OPERATIONS GENERATE DUST, FUMES, GAS, VAPOR OR MIST, USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO KEEP WORKER EXPOSURE TO AIRBORNE CONTAMINANTS BELOW ANY RECOMMENDED OR STATUTORY LIMITS. EMISSIONS FROM VENTILATION OR WORK PROCESS EQUIPMENT SHOULD BE CHECKED TO ENSURE THEY COMPLY WITH THE REQUIREMENTS OF ENVIRONMENTAL PROTECTION LEGISLATION. IN SOME CASES, FUME SCRUBBERS, FILTERS OR ENGINEERING MODIFICATIONS TO THE PROCESS EQUIPMENT WILL BE NECESSARY TO REDUCE EMISSIONS TO ACCEPTABLE LEVELS.

INDIVIDUAL PROTECTION MEASURE SUCH AS PERSONAL PROTECTIVE **EQUIPMENTS:**

SECTION 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION

CHEMICAL-RESISTANT, IMPERVIOUS GLOVES COMPLYING WITH AN APPROVED HAND PROTECTION..... STANDARD SHOULD BE WORN AT ALL TIMES WHEN HANDLING CHEMICAL PRODUCTS IF A RISK ASSESSMENT INDICATES THIS IS NECESSARY. CONSIDERING THE PARAMETERS SPECIFIED BY THE GLOVE MANUFACTURER, CHECK DURING USE THAT THE GLOVES ARE STILL RETAINING THEIR PROTECTION. IT SHOULD BE NOTED THAT THE TIME TO BREAKTHROUGH FOR ANY GLOVE MATERIAL MAY BE DIFFERENT FOR DIFFERENT GLOVE MANUFACTURERS. IN THE CASE OF MIXTURES, CONSISTING OF SEVERAL SUBSTANCES. THE PROTECTION TIME OF THE GLOVES CANNOT BE ACCURATELY ESTIMATED. RESPIRATORY PROTECTION..... USE A PROPERLY FITTED, AIR-PURIFYING OR AIR-FED RESPIRATOR COMPLYING WITH AN APPROVED STANDARD IF A RISK ASSESSMENT INDICATES THIS IS NECESSARY. RESPIRATOR SELECTION MUST BE BASED ON KNOWN OR ANTICIPATED EXPOSURE LEVELS, THE HAZARDS OF THE PRODUCT AND THE SAFE WORKING LIMITS OF THE SELECTED RESPIRATOR. SAFETY EYEWEAR COMPLYING WITH AN APPROVED STANDARD SHOULD BE USED WHEN A RISK ASSESSMENT INDICATES THIS IS NECESSARY TO AVOID EYE PROTECTION..... EXPOSURE TO LIQUID SPLASHES, MISTS, GASES OR DUSTS. IF CONTACT IS POSSIBLE, THE FOLLOWING PROTECTION SHOULD BE WORN, UNLESS THE ASSESSMENT INDICATES A HIGHER DEGREE OF PROTECTION: CHEMICAL SPLASH GOGGLES AND/OR FACE SHIELD. IF INHALATION HAZARDS EXIST, A FULL-FACE RESPIRATOR MAY BE REQUIRED INSTEAD. PERSONAL PROTECTIVE EQUIPMENT FOR THE BODY SHOULD BE SELECTED PROTECTIVE CLOTHING..... BASED ON THE TASK BEING PERFORMED AND THE RISKS INVOLVED AND SHOULD BE APPROVED BY A SPECIALIST BEFORE HANDLING THIS PRODUCT. APPROPRIATE FOOTWEAR AND ANY ADDITIONAL SKIN PROTECTION MEASURES SHOULD BE SELECTED BASED ON THE TASK BEING PERFORMED AND THE RISKS PROTECTIVE FOOTWEAR..... INVOLVED AND SHOULD BE APPROVED BY A SPECIALIST BEFORE HANDLING THIS PRODUCT. ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE CLOSE TO THE OTHER..... WORKSTATION LOCATION. HYGIENIC PRACTICES..... WASH HANDS, FOREARMS AND FACE THOROUGHLY AFTER HANDLING CHEMICAL PRODUCTS, BEFORE EATING, SMOKING AND USING THE LAVATORY AND AT THE END OF THE WORKING PERIOD. APPROPRIATE TECHNIQUES SHOULD BE USED TO REMOVE POTENTIALLY CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE REUSING. EATING, DRINKING AND SMOKING SHOULD BE PROHIBITED IN AREAS WHERE THIS MATERIAL IS HANDLED, STORED AND PROCESSED. WORKERS SHOULD WASH HANDS AND FACE BEFORE EATING, DRINKING AND SMOKING. REMOVE CONTAMINATED CLOTHING AND PROTECTIVE EQUIPMENT BEFORE ENTERING EATING AREAS. .

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	LIQUID.
COLOR	WHITE TO YELLOWISH.
ODOUR	CHARACTERISITC.
ODOUR THRESHOLD	N.AV.
PH	N.AV.
FREEZING/MELTING POINT	N.AV.
BOILING POINT	N.AV.
FLASH POINT (C), METHOD	N.AP.
EVAPORATION RATE	N.AV.
FLAMMABILITY (SOLIDS AND GASES)	N.AV.
UPPER FLAMMABLE LIMIT (% BY VOĹ.)	N.AP.
LOWER FLAMMABLE LIMIT (% BY VOL.)	N.AP.
VAPOUR PRESSURE (MMHG)	N.AV.
VAPOUR DENSITY (AIR=1)	N.AV.
RELATIVE DENSITY	N.AV.
SOLUBILITY IN WATER (% W/W)	MISCIBLE IN WATER.
COEFFICIENT OF WATER/OIL DIST	N.AV.
AUTO IGNITION TEMPERATURE	N.AV.
DECOMPOSITION TEMPERATURE	N.AV.
VISCOSITY	N.AV.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	HAZARDOUS POLYMERISATION WILL NOT OCCUR.
CHEMICAL STABILITY:	THIS PRODUCT IS STABLE.
POSSIBILITY OF HAZARDOUS	UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS REACTIONS
REACTIONS:	WILL NOT OCCUR.
CONDITIONS TO AVOID.	CONTACT WITH ICOMPATIBLES.

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBLE MATERIALS:.... ATTACKS MANY METALS PRODUCING EXTREMELY FLAMMABLE HYDROGEN GAS

WHICH CAN FORM EXPLOSIVE MIXTURES WITH AIR. REACTIVE OR INCOMPATIBLE

WITH ALKALIS, METALS

HAZARDOUS PRODUCTS OF UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS

DECOMPOSITION DECOMPOSITION PRODUCTS SHOULD NOT BE PRODUCED.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS		LC50	LD50
1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONI	C ACID	N.AV.	1878 MG/KG (ORAL, RAT); > 6000 MG/KG (DERMAL, RABBIT)
PHOSPHONIC ACID		N.AV.	1580 MG/KG (ORAL, RAT)
SODIUM HEXAMETAPHOSPHATE		N.AV.	3053 MG/KG (ORAL, RAT)
INFORMATION ON LIKELY ROUTES OF			
ENTRY: SKIN CONTACT	ADVERSE SYMPTOM MAY OCCUR.	IS MAY INCLUDE PAIN OR IRRITA	ATION, REDNESS, BLISTERING
SKIN ABSORPTIONEYE CONTACT	N.AV. CAUSES SERIOUS E	YE DAMAGE. ADVERSE SYMPTO	OMS MAY INCLUDE PAIN,
INHALATION	WATERING, REDNES EXPOSURE TO DECO SERIOUS EFFECTS N	SS. OMPOSITION PRODUCTS MAY C MAY BE DELAYED FOLLOWING E	AUSE A HEALTH HAZARD.
INGESTION	MAY CAUSE BURNS MAY INCLUDE STOM	TO MOUTH, THROAT AND STOW	
EFFECTS OF ACUTE EXPOSURE EFFECTS OF CHRONIC EXPOSURE SIGNS AND SYMPTOMS OF	SEE ABOVE. N.AV.		
OVEREXPOSURE			
CARCINOGENICITY OF MATERIAL TERATOGENICITY MUTAGENICITY	N.AV. N.AV.	NOT LISTED CARCINOGENS.	
REPRODUCTIVE EFFECTS SENSITIZING CAPABILITY OF MATERIAL			
SYNERGISTIC MATERIALS			

SECTION 12: ECOLOGICAL CONSIDERATIONS

ECOTOXICITY	N.AV.
PERSISTENCE AND DEGRADATION	N.AV.
BIOACCUMULATIVE POTENTIAL	N.AV.
MOBILITY IN SOIL	N.AV.
OTHER ADVERSE EFFECTS	N.AV.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:...... DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

3265. PROPER SHIPPING NAME.....

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (1-HYDROXYEHTYLIDENE-1,1-DIPHOSPHORIC ACID).

TDG CLASSIFICATION..... PACKING GROUP..... ENVIRONMENTAL HAZARDS ACCORDING N.AV.

TO THE INTERNATIONAL MARITIME DANGEROUS GOODS CODE AND THE UNITED NATIONS MODEL REGULATIONS: SPECIAL PRECAUTIONS IN CONNECTION N.AV.

WITH TRANSPORT OR CONVEYANCE

EITHER WITHIN OR OUTSIDE THE

PREMISES:

SECTION 15: REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL N.AV. REGULATIONS SPECIFIC TO THE PRODUCT:

SECTION 16: OTHER INFORMATION

N.AV.=NOT AVAILABLE N.AP.=NOT APPLICABLE OTHER INFORMATION.....

THE DATA IN THIS MSDS RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS. THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS PRODUCT SPECIFICATIONS. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE

INTENDED USE AND DETERMINE WHETHER THET ARE APPROPRIATE.

PREPARED BY..... **REGULATORY AFFAIRS**

PREPARATION DATE..... APR 18/2017