SAFETY DATA SHEET

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

PRODUCT: SHIELD

SECTION 01: IDENTIFICATION

PRODUCT CODE PRODUCT IDENTIFIER OTHER MEANS OF IDENTIFICATION RECOMMENDED USE AND RESTRICTIONS ON USE	SHIELD N.AV.
SUPPLIER IDENTIFIER	MURSATT CHEMICALS LIMITED 11 REGALCREST COURT WOODBRIDGE, ONTARIO CANADA L4L 8P3

EMERGENCY PHONE NO..... CANUTEC (613)-996-6666.

SECTION 02: HAZARD IDENTIFICATION



HAZARD CLASSIFICATION	CORROSIVE TO METALS - CATEGORY 1 . SERIOUS EYE DAMAGE - CATEGORY 1. SKIN IRRITATION — CATEGORY 2.
SIGNAL WORD	DANGER.
HAZARD STATEMENT	H290 MAY BE CORROSIVE TO METALS. H315 CAUSES SKIN IRRITATION. H318 CAUSES SERIOUS EYE DAMAGE.
PRECAUTIONARY STATEMENT	P234 KEEP ONLY IN ORIGINAL CONTAINER. P390 ABSORB SPILLAGE TO PREVENT
	MATERIAL DAMAGE. P406 STORE IN CORROSIVE RESISTANT CONTAINER WITH A 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 INGREDIENTSHAZARDOUS INGREDIENTSCAS #WT. %1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONIC ACID2809-21-45-7PHOSPHONIC ACID13598-36-2<1</td>SODIUM HEXAMETAPHOSPHATE68915-31-133-34

SECTION 04: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:	
EYE CONTACT	GET MEDICAL ATTENTION IMMEDIATELY. CALL A POISON CENTER OR PHYSICIAN.
	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER, OCCASIONALLY LIFTING
	THE UPPER AND LOWER EYELIDS. CHECK FOR AND REMOVE ANY CONTACT
	MUST BE TREATED PROMPTLY BY A PHYSICIAN.
SKIN CONTACT	GET MEDICAL ATTENTION IMMEDIATELY. CALL A POISON CENTER OR PHYSICIAN.
	WASH CONTAMINATED SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CONTAMINATED CLOTHING THOROUGHLY WITH
SKIN CONTACT	LENSES. CONTINUE TO RINSE FOR AT LEAST 10 MINUTES. CHEMICAL BURNS MUST BE TREATED PROMPTLY BY A PHYSICIAN. GET MEDICAL ATTENTION IMMEDIATELY. CALL A POISON CENTER OR PHYSICIAN. WASH CONTAMINATED SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED

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SECTION 04: FIRST AID MEASURES

SKIN CONTACT WATER BEFORE REMOVING IT, OR WEAR GLOVES. CONTINUE TO RINSE FOR	R AT
LEAST 10 MINUTES. CHEMICAL BURNS MUST BE TREATED PROMPTLY BY A <u>PHYSICIAN. WAS</u> H CLOTHING BEFORE REUSE. CLEAN SHOES THOROUGHLY	
INHALATION GET MEDICAL ATTENTION IMMEDIATELY. CALL A POISON CENTER OR PHYSIC	CIAN.
REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORT FOR BREATHING. IF IT IS SUSPECTED THAT FUMES ARE STILL PRESENT. THE	
RÉSCUER SHOÙLD 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 OX	YGEN
BY TRAINED PERSONNEL. IT MAY BE DANGEROUS TO THE PERSON PROVIDI	
AID TO GIVE MOUTH-TO-MOUTH RESUSCITATION. IF UNCONSCIOUS, PLACE I RECOVERY POSITION AND GET MEDICAL ATTENTION IMMEDIATELY. MAINTA	
OPEN AIRWAY. LOOSEN TIGHT CLOTHING SUCH AS A COLLAR, TIE, BELT OR WAISTBAND.	
INGESTION GET MEDICAL ATTENTION IMMEDIATELY. CALL A POISON CENTER OR PHYSIC	CIAN.
WASH OUT MOUTH WITH WATER. REMOVE DENTURES IF ANY. REMOVE VICT TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR	IM
BREATHING. IF MATERIAL HAS BEEN SWALLOWED AND THE EXPOSED PERS	ON IS
CONSCIOUS, GIVE SMALL QUANTITIES OF WATER TO DRINK. STOP IF THE	
EXPOSED PÉRSON FEELS SICK AS VOMITING MAY BE DANGEROUS. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. I	F
VOMITING OCCURS, THE HEAD SHOULD BE KEPT LOW SO THAT VOMIT DOES	
ENTER THE LUNGS. CHEMICAL BURNS MUST BE TREATED PROMPTLY BY A	
PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSO UNCONSCIOUS. PLACE IN RECOVERY POSITION AND GET MEDICAL ATTENTI	ON. IF
IMMEDIATELY. MAINTAIN AN OPEN AIRWAY. LOOSEN TIGHT CLOTHING SUCH	
COLLAR. TIE, BELT OR WAISTBAND.	
MOST IMPORTANT SYMPTOMS AND ÉYE CONTACT: CAUSES SERIOUS EYE DAMAGE. INHALATION: EXPOSURE TO EFFECTS, ACUTE OR DELAYED: DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SERIOUS EFFI) =CTS
MAY BE DELAYED FOLLOWING EXPOSURE. SKIN CONTACT: NO KNOWN	_013
SIGNIFICANT EFFECTS OR CRITICAL HAZARDS. INGESTION: MAY CAUSE BUR	NS
TO MOUTH, THROAT AND STOMACH. INDICATION OF ANY IMMEDIATE MEDICAL NOTES TO PHYSICIAN - NO SPECIFIC TREATMENT. TREAT SYMPTOMATICALL	v
ATTENTION OF ANY IMMEDIATE MEDICAL NOTES TO PHYSICIAN - NO SPECIFIC TREATMENT. TREAT STMPTOMATICALL ATTENTION AND SPECIAL TREATMENT CONTACT POISON TREATMENT SPECIALIST IMMEDIATELY IF LARGE QUANTI	
NEEDED HAVE BEEN INGESTED OR INHALED. NO ACTION SHALL BE TAKEN INVOLVING	
PERSONAL RISK OR WITHOUT SUITABLE TRAINING. IF IT IS SUSPECTED THAT	
FUMES ARE STILL PRESENT, THE RESCUER SHOULD WEAR AN APPROPRIAT MASK OR SELF-CONTAINED BREATHING APPARATUS. IT MAY BE DANGEROU	ь s то
THE PERSON PROVIDING AID TO GIVE MOUTH-TO-MOUTH RESUSCITATION.	
CONTAMINATED CLOTHING THOROUGHLY WITH WATER BEFORE REMOVING	IT,
OR WEAR GLOVES.	

SECTION 05: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	CO2, EXTINGUISHING POWDER OR WATER SPRAY. FIGHT LARGER FIRES WITH
UNSUITABLE EXTINGUISHING MEDIA	WATER SPRAY OR ALCOHOL RESISTANT FOAM. NONE KNOWN.
SPECIAL HAZARDS ARISING FROM THE PRODUCT:	IN A FIRE OR IF HEATED, A PRESSURE INCREASE WILL OCCUR AND THE CONTAINER MAY BURST.
HAZARDOUS COMBUSTION PRODUCTS.	OXIDES OF PHOSPHORUS. OXIDES OF CARBON.
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:	PROMPTLY ISOLATE THE SCENE BY REMOVING ALL PERSONS FROM THE VICINITY OF THE INCIDENT IF THERE IS A FIRE. NO ACTION SHALL BE TAKEN
TREGRETIONO FOR TIME FIGHTERO.	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
ENVIRONMENTAL PRECAUTIONS	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).

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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, SODIUM 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.
ſ	SECTION	N 07: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: CONDITIONS FOR SAFE STORAGE, INCLUDING ANY IMCOMPATIBILITES:	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 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
	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:

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SECTION 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION

HAND PROTECTION	CHEMICAL-RESISTANT, IMPERVIOUS GLOVES COMPLYING WITH AN APPROVED 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
RESPIRATORY PROTECTION	ESTIMATED. 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
EYE PROTECTION	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 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 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 INVOLVED AND SHOULD BE APPROVED BY A SPECIALIST BEFORE HANDLING THIS
	PRODUCT. ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE CLOSE TO THE 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 COLOR ODOUR THRESHOLD PH. FREEZING/MELTING POINT BOILING POINT EVAPORATION RATE FLASH POINT (C), METHOD EVAPORATION RATE FLAMMABILITY (SOLIDS AND GASES) UPPER FLAMMABLE LIMIT (% BY VOL.) LOWER FLAMMABLE LIMIT (% BY VOL.) LOWER FLAMMABLE LIMIT (% BY VOL.) VAPOUR PRESSURE (MMHG) VAPOUR DENSITY (AIR=1) RELATIVE DENSITY SOLUBILITY IN WATER (% W/W) COEFFICIENT OF WATER/OIL DIST AUTO IGNITION TEMPERATURE DECOMPOSITION TEMPERATURE VISCOSITY	N.AV. N.AV. N.AP. N.AP. N.AV. N.AV. N.AV.
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SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:
CHEMICAL STABILITY:
POSSIBILITY OF HAZARDOUS
REACTIONS:
CONDITIONS TO AVOID

HAZARDOUS POLYMERISATION WILL NOT OCCUR.
THIS PRODUCT IS STABLE.
UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS REACTIONS WILL NOT OCCUR.
CONTACT WITH ICOMPATIBLES.

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DECOMPOSITION

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBLE MATERIALS:.....

HAZARDOUS PRODUCTS OF

ATTACKS MANY METALS PRODUCING EXTREMELY FLAMMABLE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURES WITH AIR. REACTIVE OR INCOMPATIBLE WITH ALKALIS, METALS. UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS DECOMPOSITION PRODUCTS SHOULD NOT BE PRODUCED.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS		LC50	LD50
1-HYDROXYETHYLIDENE-1,1-DIPHOSPHON	IC 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 SYMPTON MAY OCCUR.	IS MAY INCLUDE PAIN OR IRRIT.	ATION, REDNESS, BLISTERING
SKIN ABSORPTION EYE CONTACT	N.AV. CAUSES SERIOUS E WATERING REDNES	S	
INHALATION	EXPOSURE TO DECO	OMPOSITION PRODUCTS MAY C MAY BE DELAYED FOLLOWING E	AUSE A HEALTH HAZARD.
INGESTION		TO MOUTH, THROAT AND STOM	
EFFECTS OF ACUTE EXPOSURE EFFECTS OF CHRONIC EXPOSURE SIGNS AND SYMPTOMS OF	SEE ABOVE. N.AV.		
CARCINOGENICITY OF MATERIAL TERATOGENICITY	N.AV.	NOT LISTED CARCINOGENS.	
MUTAGENICITY REPRODUCTIVE EFFECTS			
SENSITIZING CAPABILITY OF MATERIAL			
SYNERGISTIC MATERIALS			

SECTION 12: ECOLOGICAL CONSIDERATIONS

ECOTOXICITY N PERSISTENCE AND DEGRADATION N BIOACCUMULATIVE POTENTIAL N MOBILITY IN SOIL N OTHER ADVERSE EFFECTS N	N.AV. N.AV. N.AV.
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SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

UN NUMBER PROPER SHIPPING NAME	3265. CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (1-HYDROXYEHTYLIDENE-1,1-DIPHOSPHORIC ACID).
TDG CLASSIFICATION	8.
PACKING GROUP	III.
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:	

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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	JAN 1/2024