# Maxtec

# Safety Data Sheet

## Section 1: Identification

Product Name: MAX-250 series, MAX-2, MAX-8, MAX-25 and MAX-50 Oxygen Sensors Synonyms: UN2922: Corrosive liquid, toxic, n.o.s. (Acetic acid solution, Lead acetate) CAS Number(s): 6080-56-4, 64-19-7, 127-08-2, 7439-92-1 Product Use: Oxygen Sensor Manufacturer/Supplier: Maxtec Address: 2305 South 1070 West, Salt Lake City, Utah 84119

**General Information:** 800-748-5355 (Toll Free), +1-801-266-5300 (International) **Transportation Emergency Number:** 

## Section 2: Hazard(s) Identification

## Note

The oxygen sensors contain a weak acidic solution encapsulated in a plastic housing. Under normal operating conditions the solution (electrolyte) is never exposed. In case of a leak please observe the following information:

## **GHS Classification:**

## Lead Acetate, Trihydrate

Health	Environment	Physical
Reproductive/Developmental - Category 1A	Acute Aquatic Toxicity – Category 1	Not Available
	Chronic Aquatic Toxicity – Category 1	

## Acetic Acid Solution

Health	Environment	Physical
Eye Corrosion – Category 1 Skin Corrosion – Category 1A	Not Available	Not Available

## **Potassium Acetate**

Health	Environment	Physical
Not a haz	ardous substance or mixtur	re

I	Je	a	d	

Health	Environment	Physical
Acute Toxicity – Category (inhalation)	Acute Aquatic Toxicity – Category 1	Not Available
Acute Toxicity – Category 4 (oral/dermal)	Chronic Aquatic Toxicity – Category 1	
Carcinogenicity – Category 2		
Reproductive/Developmental - Category 2		
Target organ Toxicity (Repeated) – Category 2		

## **GHS Label:**

## Lead (II) Acetate, Trihydrate

Symbols:	
Hazard Statements	Precautionary Statements
• Danger!	Obtain special instructions before use.
• May damage fertility or the	• Do not handle until all safety precautions have been read and understood.
unborn child.	• Avoid release to the environment.
• Very toxic to aquatic life with	• Use personal protective equipment as required.
long lasting effects.	• If exposed or concerned: Get medical advice/ attention.
	• Dispose of contents/ container to an approved waste disposal plant.

## Acetic Acid Solution



#### Symbols: Hazard Statements **Precautionary Statements** Wash skin thoroughly after handling. • Danger ٠ • Causes severe skin burns and Wear protective gloves/ protective clothing/ eye protection/ face protection. ٠ eye damage. • IF SWALLOWED: Rinse moth. Do not induce vomiting. • Causes severe skin burns and IF ON SKIN (or hair): Remove/ Take off immediately all contaminated • eye damage. clothing. Rinse skin with water/ shower. • IF INHALLED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact ٠ lenses, if present and easy to do. Continue to rinse. Immediately call a POISON CENTER or doctor/ physician • Wash contaminated clothing before reuse. ٠ • Store locked up. • Dispose of contents/ container to an approved waste disposal plant.

## Potassium Acetate

Symbols: None	
Hazard Statements	Precautionary Statements
• Not a hazardous substance or mixture	<ul> <li>If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.</li> <li>In case of skin contact, wash off with soap and plenty of water.</li> <li>In case of eye contact, flush eyes with water as a precaution.</li> <li>If swallowed, rinse mouth with water.</li> </ul>

Lead Symbols:	
<ul> <li>Hazard Statements</li> <li>Warning!</li> <li>Harmful if swallowed.</li> <li>Suspected of causing cancer.</li> <li>Suspected of damaging fertility or the unborn child.</li> <li>May cause damage to organs through prolonged or repeated exposure.</li> <li>Very toxic to aquatic life with long lasting effects.</li> </ul>	<ul> <li>Precautionary Statements</li> <li>If breathed in, move person into fresh air. In not breathing, give artificial respiration. Consult a physician.</li> <li>In case of skin contact, wash off with soap and plenty of water.</li> <li>In case of eye contact, flush eyes with water as a precaution.</li> <li>If swallowed, rinse mouth with water.</li> </ul>
Section 3: Composition/In	nformation on Ingredients

Substance	Formula	Mol. Weight	CAS Number	Weight %
Lead (II) Acetate, Trihydrate	$\begin{array}{c} C_4H_6O_4Pb \\ 3H_2O \end{array}$	379.33 g/mol	6080-56-4	~3% (of total electrolyte weight)
Glacial Acetic Acid	$C_2H_4O_2$	60.05 g/mol	64-19-7	~30-40% (of total electrolyte weight)
Potassium Acetate	C <sub>2</sub> H <sub>3</sub> KO <sub>2</sub>	98.14 g/mol	127-08-2	~25% (of total electrolyte weight)
Lead	Pb	207.2 g/mol	7439-92-1	~15-40% (of total sensor weight)

## Section 4: First-Aid measures

## 4.1 Description of first aid measures

## **General Description**

The oxygen sensors contain a weak acidic solution encapsulated in a plastic housing. Under normal operating conditions the solution is never exposed. In case of a leak please observe the following instructions:

## **General Advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

## If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

## In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

## In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

## If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult

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a physician.

- **4.2 Most important symptoms and effects, both acute and delayed** The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
- **4.3 Indication of any immediate medical attention and special treatment needed** No data available

## Section 5: Fire-Fighting Measures

## 5.1 Extinguishing media

## Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### **5.2 Special hazards arising from the substance or mixture** Carbon oxides, Lead oxides, Potassium Oxides

## **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for the firefighting if necessary.

## 5.4 Further information

No data available.

## Section 6: Accidental Release Measures

## Note

The oxygen sensors contain a weak acidic solution encapsulated in a plastic housing. Under normal operating conditions the solution (electrolyte) is never exposed. In case of a leak please observe the following instructions:

## 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Vapors can accumulate in low areas. For personal protection see section 8.

## 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## 6.3 Methods and materials for containment and cleaning up

Contain spillage. Neutralize spill with soda ash or lime. Carefully place material into clean dry container and cover. Flush spill area with water. Avoid creating dust.

## 6.4 Reference to other sections

For disposal see section 13.

## Section 7: Handling and Storage

## 7.1 Precautions for safe handling

Avoid rough handling. Avoid exposing sensor(s) to rapid changes in pressure. Avoid puncturing or damaging sensor membrane(s). In case of sensor leakage see section 6.

## 7.2 Conditions for safe storage, including any incompatibilities

Store sensors in a cool, dry and well-ventilated place.

## 7.3 Specific end use(s)

Apart from the uses mentioned in section 1 no other specifics uses are stipulated.

## Section 8: Exposure Controls/Personal Protection

## 8.1 Control parameters

## Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis	
Lead (II) Acetate,	6080-56-4	WTA	$0.05 \text{ mg/m}^3$	USA. ACGIH Threshold Limit	
Trihydrate				Values (TLV)	
	Remarks	Central Nervo	ous System impairment		
		Hematologic e	effects		
		Peripheral Net	Peripheral Nervous System Impairment		
		Substance for which there is a Biological Exposure Index or Indices (see			
		BEI® section)			
		Confirmed animal carcinogen with unknown relevance to humans varies			
		See 1910.1025			
		TWA	$0.05 \text{ mg/m}^3$	USA NIOSH Recommended	
			-	Exposure Limits	
		See Appendix C			

## Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Acetic Acid,	64-19-7	WTA	10 ppm	USA. ACGIH Threshold Limit
Glacial				Values (TLV)
	Remarks	Eye & Upper	Respiratory Tract irritat	tion
		Pulmonary fu	nction	
		STEL	15 ppm	USA. ACGIH Threshold Limit
				Values (TLV)
		Eye & Upper	Respiratory Tract irritat	tion
		Pulmonary fu	nction	
		ST	15 ppm	USA NIOSH Recommended
			$37 \text{ mg/m}^3$	Exposure Limits
		TWA	10 ppm	USA NIOSH Recommended
			$25 \text{ mg/m}^3$	Exposure Limits
		TWA	10 ppm	USA. Occupational Exposure Limits
			$25 \text{ mg/m}^3$	(OSHA) – Table Z-1 Limits for Air
			-	Contaminations
		The value in r	ng/m <sup>3</sup> is approximate.	

Component	CAS-No.	Value	Control parameters	Basis		
-	Remarks	See 1910.102	25			
Lead	7439-92-1	WTA	$0.05 \text{ mg/m}^3$	USA. ACGIH Threshold Limit		
				Values (TLV)		
		Confirmed an	nimal carcinogen with u	nknown relevance to humans		
		WTA	$0.05 \text{ mg/m}^3$	USA. ACGIH Threshold Limit		
				Values (TLV)		
		Central Nervous System impairment				
		Hematologic effects				
		Peripheral Nervous System Impairment				
		Substance for which there is a Biological Exposure Index or Indices (see				
		BEI® section	n)			
		Confirmed an	nimal carcinogen with u	nknown relevance to humans varies		
		TWA	$0.05 \text{ mg/m}^3$	USA. NIOSH Recommended		
				Exposure Limits		
		See Appendi	x C			

#### **Biological occupational exposure limits**

Component	CAS-No.	Parameters	Value	Biological	Basis
				specimen	
Lead	7439-92-1	Lead	0.3 μg/mL	In blood	ACGIH – Biological Exposure Indices (BEI)
		Remarks	Not critical		

#### **8.2 Exposure controls**

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

#### Eye/face protection

Safety glasses with side-shields or googles conforming to appropriate government standards such as ANSI (US), or EN 166(EU)

#### Skin protection

Handle with nitrile gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### **Respiratory and body protection**

Wear respiratory protection and full protective clothing tested and approved under appropriate government standards such as ANSI (US) or CEN (EU).

#### Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## Section 9: Physical and Chemical Properties

## 9.1 Information on basic physical and chemical properties of sensor solution (electrolyte)

a)	Appearance	Form: liquid
u)	rippeurunee	Color: clear/translucent
b)	Odor	vinegar-like
c)	Odor Threshold	no data available
d)	рН	5 - 6
e)	Melting point/freezing	no data available
f)	Initial Boiling point and boiling range	no data available
g)	Flash point	$> 100^{\circ}$ C
$\tilde{h}$	Evaporation rate	no data available
i)	Flammability (solid, gas)	no data available
j)	Upper/lower flammability	no data available
	or explosive limits	
k)	Vapor pressure	no data available
1)	Vapor density	no data available
m)	Relative density	no data available
n)	Water Solubility	100% (Water based solution)
0)	Partition coefficient:	no data available
	n-octanol/water	
p)	Auto-ignition temperature	no data available
q)	Decomposition temperature	no data available
r)	Viscosity	no data available
s)	Explosive properties	no data available
t)	Oxidizing properties	no data available

## Section 10: Stability and Reactivity

## Note

The oxygen sensors contain a weak acidic solution (electrolyte) encapsulated in a plastic housing. Under normal operating conditions the solution is never exposed. In case of a leak please observe the following information:

10.1 Reactivity

No data available

**10.2** Chemical stability

Stable under recommended storage and usage conditions.

- **10.3 Possibility of hazardous reactions** No data available
- **10.4 Conditions to avoid** No data available.

## **10.5** Incompatible materials

Strong acids, Strong oxidizing agents, Strong bases, Soluble carbonate and phosphate, Hydroxides, Metals, Peroxides, Permanganates, Amines, Alcohols, Nitric Acid.

## 10.6 Hazardous decomposition products

Other decomposition products – no data available

## Section 11: Toxicological Information

## 11.1 Information on toxicological effects (Lead (II) Acetate, Trihydrate)

Acute toxicity

LD50 Oral – rat – 4,665 mg/kg

Inhalation: no data available

Dermal: no data available

**Skin corrosion/irritation** No data available

**Serious eye damage/eye irritation** No data available

**Respiratory or skin sensitization** No data available

**Germ cell mutagenicity** May alter genetic material.

#### Carcinogenicity

This is or contains a component that has been reported to be carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification.

IARC: 2A – group 2A: Probably carcinogenic to humans (Lead di(acetate) trihydrate)

NTP: Reasonably anticipated to be a human carcinogen. The reference note has been added by TD based on the background information of the NTP. (lead di(acetate) trihydrate)

OSHA: 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.

#### **Reproductive toxicity**

Known human reproductive toxicant

May cause reproductive disorders.

**Specific target organ toxicity – single exposure** No data available

**Specific target organ toxicity – repeated exposure** No data available

**Additional Information** RTECS: OF8050000

Lead salts have been reported to cross the placenta and to induce embryo- and feto- mortality. They also have teratogenic effect in some animal species. No teratogenic effects have been reported with exposure to organometallic lead compounds. Adverse effect of lead on human reproduction, embryonic and fetal development, and postnatal (e.g., mental) development have been reported. Excessive exposure can affect blood,

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nervous, and digestive systems. The synthesis of hemoglobin is inhibited and results in anemia. If left untreated, neuromuscular dysfunction, possible paralysis, and encephalopathy can result. Additional symptoms of overexposure include: joint and muscle pain, weakness of the extensor muscles (frequently the hand and wrist), headache, dizziness, abdominal pain, diarrhea, constipation, nausea, vomiting, blue line on the gums, insomnia, and metallic taste. High body levels produce increased cerebrospinal pressure, brain damage, and stupor leading to coma and often death., May cause convulsions.

Stomach - Irregularities - Based on Human Evidence

## 11.2 Information on toxicological effects (Acetic Acid, Glacial)

Acute toxicity LD50 Oral – rat – 3,310 mg/kg

LC50 Inhalation – mouse – 1 h – 5620 ppm Remarks: Sense Organs and Special Senses (Hose, Eye, Ear, and Taste): Eye: Conjunctive irritation. Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Other. Blood: Other changes.

LC50 Inhalation – rat – 4 H – 11.4 mg/L

LD50 Dermal – rabbit – 1,112 mg/kg

**Skin corrosion/irritation** No data available

## Serious eye damage/eye irritation

Eyes – rabbit Result – Corrosive to eyes

#### **Respiratory or skin sensitization** No data available

**Germ cell mutagenicity** No data available

## Carcinogenicity

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	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.
Reproductive t	coxicity

#### No data available

#### **Specific target organ toxicity – single exposure** No data available

#### **Specific target organ toxicity – repeated exposure** No data available

## **Additional Information**

RTECS: AF1225000

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, cough, wheezing, laryngitis, shortness of breath, headache, nausea, vomiting, ingestion or inhalation of concentrated acetic acid causes damage to tissues of the respiratory and digestive tracts. Symptoms include: hematemesis, bloody diarrhea, edema and/or perforation of the esophagus and pylorus, pancreatitis, hematuria, anuria, uremia, albuminuria, hemolysis, convulsions, bronchitis, pulmonary edema, pneumonia, cardiovascular collapse, shock, and death. Direct contact or exposure to high concentrations of vapor with skin or eyes can cause: erythema, blisters, tissue destruction with slow healing, skin blackening, hyperkeratosis, fissures, corneal erosion, opacification, iritis, conjunctivitis, and possible blindness., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Stomach - Irregularities - Based on Human Evidence

## **11.3** Information on toxicological effects (Potassium Acetate)

Acute toxicity LD50 Oral – rat – 3,250 mg/kg

## Skin corrosion/irritation

Skin – rat Results: no skin irritation (OECD Test Guideline 404)

## Serious eye damage/eye irritation

Eyes – rabbit Result – no eye irritation (OECD Test Guideline 405)

## Respiratory or skin sensitization

Information given is based on data obtained from similar substances.

## Germ cell mutagenicity

No data available

## Carcinogenicity

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

	OSHA:	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.				
	<b>Reproductive</b> No data availa	<b>toxicity</b> ble				
	<b>Specific target organ toxicity – single exposure</b> No data available					
	<b>Specific targe</b> No data availa	S <b>pecific target organ toxicity – repeated exposure</b> No data available				
	<b>Aspiration ha</b> No data availa	Aspiration hazard No data available Additional Information RTECS: AJ33225000				
	Additional In RTECS: AJ33					
	To the best of investigated.	our knowledge, the chemical, physical, and toxicological properties have not been thoroughly				
11.4	Information on toxicological effects (Lead)					
Acute toxicity Inhalation: no data available Dermal: no data available						
					<b>Skin corrosio</b> No data availa	Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available
	<b>Serious eye da</b> No data availa					
	Respiratory or skin sensitization No data available					
	Germ cell mutagenicity Rat Cytogenetic analysis					
	<b>Carcinogenicity</b> Limited evidence of carcinogenicity in animal studies					
	IARC:	2B - Group 2B: Possibly carcinogenic to humans (Lead)				
	NTP:	Reasonably anticipated to be a human carcinogen (Lead)				
		Reasonably anticipated to be a human carcinogen. The reference note have been added by TD based on the background information of NTP. (Lead)				
	OSHA:	1910.1025 (Lead)				

## **Reproductive toxicity**

Suspected human reproductive toxicant

Reproductive toxicity – rat – Inhalation Effects on Newborn: Biochemical metabolic.

Reproductive toxicity – rat – Oral Effects on Newborn: Behavioral.

Reproductive toxicity – mouse – Oral Effect on Fertility: Female fertility index (e.g., # females pregnant per # sperm positive females; # females pregnant per # females mated). Effects on Fertility: Pre-implantation mortality (e.g., reduction in number of implants per female; total number of implants per corpora lutea).

Development Toxicity – rat – Inhalation Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Specific Developmental Abnormalities: Blood and lymphatic system (including spleen and marrow).

Developmental Toxicity – rat – Oral Specific Developmental Abnormalities: Blood and lymphatic system (including sleep and marrow). Effects on Newborn: Growth statistics (e.g., reduced weight gain)

Developmental Toxicity – rat – Oral Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Effects on Embryo or Fetus: Fetal death.

Developmental Toxicity – mouse – Oral Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Effects on Embryo or Fetus: Fetal death.

**Specific target organ toxicity – single exposure** No data available

**Specific target organ toxicity – repeated exposure** May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard No data available

**Additional Information** RTECS: OF7525000

Anemia

Stomach - Irregularities - Based on Human Evidence

## Section 12: Ecological Information

## 12.1 Toxicity

Lead (II) Acetate, Trihydrate No data available

	Acetic	Acid, Glacial Toxic to fish	semi-static test LC50 – Oncorhynchus mykiss (rainbow trout) - > 1,000 mg/L – 96 h (OECD Test Guideline 203)
		Toxicity to daphnia and other aquatic invertebrates	EC50 – Daphnia mgna (water flea) - > 300.82 mg/L – 48 h (OECD Test Guideline 202)
	Potass	ium Acetate Toxic to fish	LC50 – Danio rerio (zebra fish) - > 992 mg/L – 96 h (OECD Test Guideline 203)
		Toxicity to daphnia and other aquatic invertebrates	EC50 – Daphnia - > 919 mg/L – 48 h (OECD Test Guideline 202)
		Toxic to algea	EC50 – Skeletonema costatum - > 1,000 mg/L – 72 h (ISO 10253)
	Last		
	Lead	Toxic to fish	mortality LOEC – Oncorhynchus mykiss (rainbow trout) – 1.19 mg/L – 96 h LC50 – Micropterus dolomieui – 2.2 mg/L – 96 h Mortality NOEC – Salvelinus fontinalis – 1.7 mg/L – 10 d
		Toxicity to daphnia and other aquatic invertebrates	mortality LOEC – Daphnia – 0.17 mg/L – 24 h mortality NOEC – Daphnia – 0.099 mg/L – 24 h
		Toxic to algea	mortality EC50 – Skeletonema costatum – 7.94 mg/L – 10 d
12.2	Persis	tence and degradability	
	Lead (	<b>II) Acetate, Trihydrate</b> No data available	
	Acotio	Aaid Clasial	
	Acetic	Biodegradability	aerobic – Exposure time 30 d Result: 99% - Readily biodegradable. Remarks: Expected to be biodegradable
		Biochemical Oxygen Demand (BOD)	880 mg/g
	Potass	ium Acetate Biodegradable	Results: Readily biodegradable
	Lead	No data available	

12.3	Bioaccumulative potential
	Lead (II) Acetate, Trihydrate No data available
	Acetic Acid, Glacial No data available
	Potassium Acetate Does not accumulate in organisms.
	Lead Bioaccumulation Oncorhynchus kisutch – 2 Weeks – 150 μg/L
	Bioconcentration factor (BCF): 12
12.4	Mobility in soil No data available
12.5	<b>Results of PBT and vPvB assessment</b> PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
12.6	Other adverse effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.
	Section 13: Disposal Considerations
Produ Offer a service incine	nct used or surplus oxygen sensors to a licensed disposal company. Contact a licensed professional waste disposal e to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical rator equipped with an afterburner and scrubber.
	Section 14: Transport Information
IATA:	: Regulated. Refer to IATA dangerous goods in excepted quantities, Sec 2.6, if applicable.
U.S. D Prope Hazar UN Nu Packa	Department of Transportation (DOT) r Shipping Name: Corrosive liquid, toxic, n.o.s. (Acetic acid solution, Lead acetate) rd Class: 8(6.1) umber: UN2922 ging Group: III
Intern Prope Hazar UN Na Packa Labels	national Maritime Organization (IMDG) r Shipping Name: Corrosive liquid, toxic, n.o.s. (Acetic acid solution, Lead acetate) rd Class: 8(6.1) umber: UN2922 ging Group: III s Required: Marine Pollutant

IATA Proper Shipping Name: Corrosive liquid, toxic, n.o.s. (Acetic acid solution, Lead acetate) Hazard Class: 8(6.1) UN Number: UN2922 Packaging Group: III

## Section 15: Regulatory Information

Date

## SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

## SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

	_	CAS-No.	Revision Da
Lead		7439-92-1	1994-04-01

#### SARA 311/312 Components

Acute Health Hazard, Chronic Health Hazard

## Massachusetts Right to Know Components

Mussuchusetts Mght to Mhow Components				
	CAS-No.	Revision Date		
Lead (II) Acetate, Trihydrate	6080-56-4	1993-04-24		
Acetic Acid, Glacial	64-19-7	1993-04-24		
Lead	7439-92-1	1994-04-01		

#### Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Lead (II) Acetate, Trihydrate	6080-56-4	1993-04-24
Acetic Acid, Glacial	64-19-7	1993-04-24
Potassium Acetate	127-08-2	
Lead	7439-92-1	1994-04-01

## New Jersey Right To Know Components

	CAS-No.	Revision Date
Lead (II) Acetate, Trihydrate	6080-56-4	1993-04-24
Acetic Acid, Glacial	64-19-7	1993-04-24
Potassium Acetate	127-08-2	
Lead	7439-92-1	1994-04-01

## California Prop. 65 Components

WARNING! This product contains a chemical know to the State of California to cause cancer.

	CAS-No.	Revision Date
Lead (II) Acetate, Trihydrate	6080-56-4	2007-09-28
Lead	7439-92-1	1989-07-10

WARNING! This product contains a chemical know to the State of California to cause birth defects or other reproductive harm.

CAS-No.	Revision Date
7439-92-1	1989-07-10

## Section 16: Other Information

Lead

HMIS Rating	
Health Hazard:	3
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard:	0

## NFPA Rating

Health Hazard:	3
Fire Hazard:	0
Reactivity Hazard:	0

The above data is based on tests and experience which Maxtec believes reliable and are supplied for information purposes only. Maxtec disclaims any liability for damage or injury which results for the use of the data and nothing contained herein shall constitute a guarantee, warranty (including warranty of merchant ability) or representation (including freedom from patent liability) by Maxtec with respect to the data, the product described, or their use for any specific purpose, even if that purpose is known to Maxtec.