# **Chem-Impex International Inc.**

Tel: (630) 766-2112 E-mail: sales@chemimpex.com Shipping and Correspondence: 935 Dillon Drive Wood Dale, IL 60191 USA Fax: (630) 766-2218 Web site: <u>www.chemimpex.com</u> Manufacturing site: 825 Dillon Drive Wood Dale, IL 60191 USA

# SAFETY DATA SHEET

#### SECTION 1. CHEMICAL IDENTIFICATION

CATALOG #:	14023
NAME:	2-Bromomethyl acetate
SYNONYMS:	Methyl bromoacetate 2-Bromoacetic acid methyl ester
24 HOUR EMERGENCY	(800) 535-5053(USA)
TELEPHONE:	352-323-3500 (INTERNATIONAL)
TO REQUEST AN MSDS:	(800) 869-9290
CUSTOMER	(630) 766-2112
SERVICE:	

#### SECTION 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS) FLAMMABLE LIQUIDS (CATEGORY 4), H227 ACUTE TOXICITY, ORAL (CATEGORY 3), H301 SKIN CORROSION (CATEGORY 1B), H314 SERIOUS EYE DAMAGE (CATEGORY 1), H318 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (CATEGORY 3), RESPIRATORY SYSTEM, H335

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE SECTION 16.

#### GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS PICTOGRAM



SIGNAL WORD

HAZARD STATEMENT(S)			
H227	COMBUSTIBLE LIQUID		
H301	TOXIC IF SWALLOWED.		
H314	CAUSES SEVERE SKIN BURNS AND EYE		
	DAMAGE		
H335	MAY CAUSE RESPIRATORY IRRITATION.		
PRECAUTIONARY STA			
P210	KEEP AWAY FROM HEAT/SPARKS/OPEN		
1210	FLAMES/HOT SURFACES NO SMOKING.		
P261	AVOID BREATHING DUST/ FUME/ GAS/ MIST/		
1201	VAPOURS/ SPRAY.		
P264	WASH SKIN THOROUGHLY AFTER HANDLING.		
P270	DO NOT EAT, DRINK OR SMOKE WHEN USING		
1270	THIS PRODUCT.		
P271	USE ONLY OUTDOORS OR IN A WELL-		
12/1	VENTILATED AREA.		
P280	WEAR PROTECTIVE GLOVES/ PROTECTIVE		
1200	CLOTHING/ EYE PROTECTION/ FACE		
	PROTECTION.		
P301 + P310	IF SWALLOWED: IMMEDIATELY CALL A POISON		
1501 1510	CENTER OR DOCTOR/PHYSICIAN.		
P301 + P330 + P331	IF SWALLOWED: RINSE MOUTH, DO NOT INDUCE		
1501 + 1550 + 1551	VOMITING.		
P303 + P361 + P353	IF ON SKIN (OR HAIR): REMOVE/ TAKE OFF		
1505 1501 1555	IMMEDIATELY ALL CONTAMINATED CLOTHING.		
	RINSE SKIN WITH WATER/ SHOWER.		
P304 + P340	IF INHALED: REMOVE VICTIM TO FRESH AIR		
1501 1510	AND KEEP AT REST IN A POSITION		
	COMFORTABLE FOR BREATHING.		
P305 + P351 + P338	IF IN EYES: RINSE CAUTIOUSLY WITH WATER		
1505 1551 1550	FOR SEVERAL MINUTES. REMOVE CONTACT		
	LENSES, IF PRESENT AND EASY TO DO.		
	CONTINUE RINSING.		
P310	IMMEDIATELY CALL A POISON CENTER OR		
1510	DOCTOR/ PHYSICIAN.		
P321	SPECIFIC TREATMENT (SEE SUPPLEMENTAL		
1 521	FIRST AID INSTRUCTIONS ON THIS LABEL).		
P363	WASH CONTAMINATED CLOTHING BEFORE		
1 505	REUSE.		
P370 + P378	IN CASE OF FIRE: USE DRY SAND, DRY		
15/0 15/0	CHEMICAL OR ALCOHOL-RESISTANT FOAM FOR		
	EXTINCTION.		
	LATING HOIN.		

P403 + P233	STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.
P403 + P235	STORE IN A WELL-VENTILATED PLACE. KEEP COOL.
P405	STORE LOCKED UP.
P501	DISPOSE OF CONTENTS/ CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT.
HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS	LACHRYMATOR.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MF:	$C_3H_5BrO_2$
MW:	152.98

CAS-NO. 96-32-2

PURITY:  $\geq$  99% (GC)

#### HAZARDOUS COMPONENTS

COMPONENT	CLASSIFICATION	CONCENTRATION
2-Bromomethyl acetate		
	FLAM. LIQ. 4; ACUTE TOX. 3; SKIN CORR. 1B; EYE DAM. 1; STOT SE 3; H227, H301, H314, H335	-

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE SECTION 16.

### SECTION 4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES		
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	TAKE OFF CONTAMINATED CLOTHING AND SHOES	
CONTACT	IMMEDIATELY. WASH OFF WITH SOAP AND PLENTY OF	
	WATER. TAKE VICTIM IMMEDIATELY TO HOSPITAL.	
	CONSULT A PHYSICIAN.	
IN CASE OF EYE	RINSE THOROUGHLY WITH PLENTY OF WATER FOR AT	
CONTACT	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 A PHYSICIAN.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL	THE MOST IMPORTANT KNOWN SYMPTOMS AND EFFECTS ARE DESCRIBED IN THE LABELLING (SEE SECTION 2.2) AND/OR IN SECTION 11 NO DATA AVAILABLE
TREATMENT NEEDED	

# SECTION 5. FIRE AND EXPLOSION DATA

EXTINGUISHING MEDIA	
SUITABLE EXTINGUISHING	USE WATER SPRAY, ALCOHOL-RESISTANT FOAM, DRY
MEDIA	CHEMICAL OR CARBON DIOXIDE.
SPECIAL HAZARDS	CARBON OXIDES, HYDROGEN BROMIDE GAS
ARISING FROM THE	
SUBSTANCE OR MIXTURE	
ADVICE FOR	WEAR SELF CONTAINED BREATHING APPARATUS FOR
FIREFIGHTERS	FIRE FIGHTING IF NECESSARY.
FURTHER INFORMATION	USE WATER SPRAY TO COOL UNOPENED CONTAINERS.

# SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS,	WEAR RESPIRATORY PROTECTION. AVOID BREATHING
PROTECTIVE EQUIPMENT	VAPOURS, MIST OR GAS. ENSURE ADEQUATE
AND EMERGENCY	VENTILATION. REMOVE ALL SOURCES OF IGNITION.
PROCEDURES	EVACUATE PERSONNEL TO SAFE AREAS. BEWARE OF
	VAPOURS ACCUMULATING TO FORM EXPLOSIVE
	CONCENTRATIONS. VAPOURS CAN ACCUMULATE IN
	LOW AREAS.
	FOR PERSONAL PROTECTION SEE SECTION 8.
ENVIRONMENTAL	PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE
PRECAUTIONS	TO DO SO. DO NOT LET PRODUCT ENTER DRAINS.
METHODS AND	CONTAIN SPILLAGE, AND THEN COLLECT WITH AN
MATERIALS FOR	ELECTRICALLY PROTECTED VACUUM CLEANER OR BY
CONTAINMENT AND	WET-BRUSHING AND PLACE IN CONTAINER FOR
CLEANING UP	DISPOSAL ACCORDING TO LOCAL REGULATIONS (SEE
	SECTION 13). KEEP IN SUITABLE, CLOSED CONTAINERS
	FOR DISPOSAL.
<b>REFERENCE TO OTHER</b>	FOR DISPOSAL SEE SECTION 13.
SECTIONS	

#### SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE	AVOID CONTACT WITH SKIN AND EYES. AVOID
HANDLING	INHALATION OF VAPOUR OR MIST.
	KEEP AWAY FROM SOURCES OF IGNITION - NO
	SMOKING. TAKE MEASURES TO PREVENT THE BUILD
	UP OF ELECTROSTATIC CHARGE. FOR PRECAUTIONS
	SEE SECTION 2.2.
CONDITIONS FOR SAFE	KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND
STORAGE, INCLUDING	WELL-VENTILATED PLACE. CONTAINERS WHICH ARE
ANY INCOMPATIBILITIES	OPENED MUST BE CAREFULLY RESEALED AND KEPT
	UPRIGHT TO PREVENT LEAKAGE.
SPECIFIC END USE(S)	APART FROM THE USES MENTIONED IN SECTION 1.2
	NO OTHER SPECIFIC USES ARE STIPULATED

\_\_\_\_

# SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS	
COMPONENTS WITH	CONTAINS NO SUBSTANCES WITH OCCUPATIONAL
WORKPLACE CONTROL	EXPOSURE LIMIT VALUES.
PARAMETERS	
EXPOSURE CONTROLS	
APPROPRIATE	AVOID CONTACT WITH SKIN, EYES AND CLOTHING.
ENGINEERING	WASH HANDS BEFORE BREAKS AND IMMEDIATELY
CONTROLS	AFTER HANDLING THE PRODUCT.
PERSONAL PROTECTIVE EQ	QUIPMENT
EYE/FACE PROTECTION	TIGHTLY FITTING SAFETY GOGGLES. FACESHIELD (8-
	INCH MINIMUM). USE EQUIPMENT FOR EYE
	PROTECTION TESTED AND APPROVED UNDER
	APPROPRIATE GOVERNMENT STANDARDS SUCH AS
	NIOSH (US) OR EN 166(EU).

SKIN PROTECTION	HANDLE WITH 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.
	FULL CONTACT MATERIAL: BUTYL-RUBBER MINIMUM LAYER THICKNESS: 0.3 MM BREAK THROUGH TIME: 480 MIN MATERIAL TESTED:BUTOJECT (KCL 897, SIZE M)
	SPLASH CONTACT MATERIAL: NITRILE RUBBER MINIMUM LAYER THICKNESS: 0.4 MM BREAK THROUGH TIME: 30 MIN MATERIAL TESTED:CAMATRIL (KCL 730, SIZE M)
	IF USED IN SOLUTION, OR MIXED WITH OTHER SUBSTANCES, AND UNDER CONDITIONS WHICH DIFFER FROM EN 374, CONTACT THE SUPPLIER OF THE CE APPROVED GLOVES. THIS RECOMMENDATION IS ADVISORY ONLY AND MUST BE EVALUATED BY AN INDUSTRIAL HYGIENIST AND SAFETY OFFICER FAMILIAR WITH THE SPECIFIC SITUATION OF ANTICIPATED USE BY OUR CUSTOMERS. IT SHOULD NOT BE CONSTRUED AS OFFERING AN APPROVAL FOR
BODY PROTECTION	ANY SPECIFIC USE SCENARIO. COMPLETE SUIT PROTECTING AGAINST CHEMICALS, THE TYPE OF PROTECTIVE EQUIPMENT MUST BE SELECTED ACCORDING TO THE CONCENTRATION AND AMOUNT OF THE DANGEROUS SUBSTANCE AT THE SPECIFIC WORKPLACE.
RESPIRATORY PROTECTION	<ul> <li>WHERE RISK ASSESSMENT SHOWS AIR-PURIFYING</li> <li>RESPIRATORS ARE APPROPRIATE USE A FULL-FACE</li> <li>RESPIRATOR WITH MULTI- PURPOSE COMBINATION</li> <li>(US) OR TYPE ABEK (EN 14387) RESPIRATOR</li> <li>CARTRIDGES AS A BACKUP TO ENGINEERING</li> <li>CONTROLS. IF THE RESPIRATOR IS THE SOLE MEANS OF</li> <li>PROTECTION, USE A FULL-FACE SUPPLIED AIR</li> <li>RESPIRATOR. USE RESPIRATORS AND COMPONENTS</li> <li>TESTED AND APPROVED UNDER APPROPRIATE</li> <li>GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR</li> <li>CEN (EU).</li> </ul>
CONTROL OF ENVIRONMENTAL EXPOSURE	PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT LET PRODUCT ENTER DRAINS.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

	PHYSICAL AND CHEMICAL PROPERTIES
APPEARANCE	Colorless to slightly yellow clear liquid
ODOUR	NO DATA AVAILABLE
ODOUR THRESHOLD	NO DATA AVAILABLE
PH	NO DATA AVAILABLE
MELTING	-50 °C
POINT/FREEZING POINT	
BOILING POINT	51 - 53 °C/15 mmHg (Lit.)
FLASH POINT	64 °C
EVAPOURATION RATE	NO DATA AVAILABLE
FLAMMABILITY (SOLID,	NO DATA AVAILABLE
GAS)	
UPPER/LOWER	NO DATA AVAILABLE
FLAMMABILITY OR	
EXPLOSIVE LIMITS	
VAPOUR PRESSURE	NO DATA AVAILABLE
VAPOUR DENSITY	NO DATA AVAILABLE
RELATIVE DENSITY	1.616 (Lit.)
WATER SOLUBILITY	NO DATA AVAILABLE
PARTITION COEFFICIENT:	NO DATA AVAILABLE
N- OCTANOL/WATER	
AUTO-IGNITION	NO DATA AVAILABLE
TEMPERATURE	
DECOMPOSITION	NO DATA AVAILABLE
TEMPERATURE	
VISCOSITY	NO DATA AVAILABLE
EXPLOSIVE PROPERTIES	NO DATA AVAILABLE
OXIDIZING PROPERTIES	NO DATA AVAILABLE
OTHER SAFETY	NO DATA AVAILABLE
INFORMATION	

# SECTION 10. STABILITY AND REACTIVITY

REACTIVITY	NO DATA AVAILABLE
CHEMICAL STABILITY	STABLE UNDER RECOMMENDED STORAGE
	CONDITIONS.
POSSIBILITY OF	NO DATA AVAILABLE
HAZARDOUS REACTIONS	
CONDITIONS TO AVOID	HEAT, FLAMES AND SPARKS.
INCOMPATIBLE	ACIDS, BASES, OXIDIZING AGENTS, REDUCING AGENTS
MATERIALS	
HAZARDOUS	OTHER DECOMPOSITION PRODUCTS - NO DATA
DECOMPOSITION	AVAILABLE
PRODUCTS	IN THE EVENT OF FIRE: SEE SECTION 5

# SECTION 11. TOXICOLOGICAL INFORMATION

# INFORMATION ON TOXICOLOGICAL EFFECTSACUTE TOXICITYLD50 ORAL - RAT - 70 MG/KG

#### INHALATION: NO DATA AVAILABLE

#### DERMAL: NO DATA AVAILABLE

SKIN CORROSION/IRRITATION	NO DATA AVAILABLE NO DATA AVAILABLE
SERIOUS EYE DAMAGE/EYE IRRITATION	NO DATA AVAILABLE
RESPIRATORY OR SKIN SENSITISATION	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 TOXICITY	NO DATA AVAILABLE
SPECIFIC TARGET ORGAN	NO DATA AVAILABLE
TOXICITY - SINGLE	
EXPOSURE	
SPECIFIC TARGET ORGAN	NO DATA AVAILABLE
TOXICITY - REPEATED	
EXPOSURE	
ASPIRATION HAZARD	NO DATA AVAILABLE
ADDITIONAL	RTECS: AF6300000
INFORMATION	MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE
	OF THE MUCOUS MEMBRANES AND UPPER
	RESPIRATORY TRACT, EYES, AND SKIN., COUGH,
	SHORTNESS OF BREATH, HEADACHE, NAUSEA

# SECTION 12. ECOLOGICAL INFORMATION

TOXICITY	NO DATA AVAILABLE
PERSISTENCE AND	NO DATA AVAILABLE
DEGRADABILITY	
BIOACCUMULATIVE	NO DATA AVAILABLE
POTENTIAL	
MOBILITY IN SOIL	NO DATA AVAILABLE
RESULTS OF PBT AND VPVB	PBT/VPVB ASSESSMENT NOT AVAILABLE AS
ASSESSMENT	CHEMICAL SAFETY ASSESSMENT NOT
	REQUIRED/NOT CONDUCTED
OTHER ADVERSE EFFECTS	NO DATA AVAILABLE

#### SECTION 13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT	METHODS
PRODUCT	THIS COMBUSTIBLE MATERIAL MAY BE BURNED IN A
	CHEMICAL INCINERATOR EQUIPPED WITH AN
	AFTERBURNER AND SCRUBBER. OFFER SURPLUS AND
	NON-RECYCLABLE SOLUTIONS TO A LICENSED
	DISPOSAL COMPANY. CONTACT A LICENSED
	PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE
	OF THIS MATERIAL.
CONTAMINATED	DISPOSE OF AS UNUSED PRODUCT.
PACKAGING	

## SECTION 14. TRANSPORT INFORMATION

DOT (US)	
UN NUMBER:	2643
PROPER SHIPPING NAME:	2-Bromomethyl acetate
CLASS:	6.1
PACKING GROUP:	II
MARINE POLLUTANT:	NO
POISON INHALATION	NO
HAZARD:	
IMDG	
PROPER SHIPPING NAME:	2-Bromomethyl acetate
UN NUMBER:	2643
CLASS:	6.1
PACKING GROUP:	II
EMS-NO:	F-A, S-A
MARINE POLLUTANT:	NO
IATA	
PROPER SHIPPING NAME:	2-Bromomethyl acetate
UN NUMBER:	2643
CLASS:	6.1
PACKING GROUP:	II

# SECTION 15. REGULATORY INFORMATION

SARA 302 COMPONENTS		LS IN THIS MATERIAL ARE
	SUBJECT TO THE REPOR	TING REQUIREMENTS OF SARA
	TITLE III, SECTION 302.	
SARA 313 COMPONENTS	SARA 313: THIS MATERIA	AL DOES NOT CONTAIN ANY
	CHEMICAL COMPONENT	S WITH KNOWN CAS NUMBERS
	THAT EXCEED THE THRE	ESHOLD (DE MINIMIS)
	REPORTING LEVELS EST	ABLISHED BY SARA TITLE III,
	SECTION 313.	
SARA 311/312 HAZARDS	FIRE HAZARD, ACUTE H	EALTH HAZARD
MASSACHUSETTS RIGHT	NO COMPONENTS ARE S	UBJECT TO THE
TO KNOW COMPONENTS	MASSACHUSETTS RIGHT	Г ТО KNOW ACT.
PENNSYLVANIA RIGHT TO	KNOW COMPONENTS	
	CAS #	<b>REVISION DATE</b>
2-Bromomethyl acetate	96-32-2	3/1/2007
NEW JERSEY RIGHT TO KN	OW COMPONENTS	
	CAS #	<b>REVISION DATE</b>
2-Bromomethyl acetate	96-32-2	3/1/2007
CALIFORNIA PROP. 65	THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS	
COMPONENTS	KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER,	
		OTHER REPRODUCTIVE
	HARM.	

# SECTION 16. OTHER INFORMATION

FULL TEXT OF H-STATEN	MENTS REFERRED TO UNDER SECTIONS 2 AND 3.
ACUTE TOX.	ACUTE TOXICITY
EYE DAM.	SERIOUS EYE DAMAGE
FLAM. LIQ.	FLAMMABLE LIQUIDS
H227	COMBUSTIBLE LIQUID
H301	TOXIC IF SWALLOWED.
H314	CAUSES SEVERE SKIN BURNS AND EYE DAMAGE
H318	CAUSES SERIOUS EYE DAMAGE.
H335	MAY CAUSE RESPIRATORY IRRITATION.
HMIS RATING	
HEALTH HAZARD:	3
CHRONIC HEALTH	
HAZARD:	
FLAMMABILITY:	2
PHYSICAL HAZARD	0
NFPA RATING	
HEALTH HAZARD:	3
FIRE HAZARD:	2
REACTIVITY HAZARD:	0

MSDS LEGEND	
MW:	MOLECULAR WEIGHT
MF:	MOLECULAR FORMULA
VOC:	VOLATILE ORGANIC COMPOUNDS
ACGIH:	AMERICAN CONFERENCE OF GOVERNMENENTAL INDUSTRIAL
	HYGINISTS
CAS:	CHEMICAL ABSTRACTS SERIVE REGISTRY NUMBER
OSHA:	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PEL:	PERMISSIBLE EXPOSURE LIMIT (OSHA)
TLV:	THRESHOLD LIMIT VALUE (ACGIH)
IMPORTANT:	

THE INFORMATION ABOVE IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. IN NO EVENT SHALL **CII** BE LIABLE FOR ANY CLAIMS, LOSSES, OR DAMAGES OF ANY THIRD PARTY OR FOR LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF **CII** HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.