Chem-Impex International Inc.

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SAFETY DATA SHEET

SECTION 1. CHEMICAL IDENTIFICATION

CATALOG #:	31478
NAME:	o-Phenylenediamine
SYNONYMS:	1,2-Diaminobenzene 1,2-Phenylenediamine OPD
24 HOUR EMERGENCY	(800) 535-5053(USA)
TELEPHONE:	352-323-3500 (INTERNATIONAL)
TO REQUEST AN MSDS:	(800) 869-9290
CUSTOMER SERVICE:	(630) 766-2112

SECTION 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS) ACUTE TOXICITY, ORAL (CATEGORY 3), H301 ACUTE TOXICITY, INHALATION (CATEGORY 4), H332 ACUTE TOXICITY, DERMAL (CATEGORY 4), H312 EYE IRRITATION (CATEGORY 2A), H319 SKIN SENSITISATION (CATEGORY 1), H317 GERM CELL MUTAGENICITY (CATEGORY 2), H341 CARCINOGENICITY (CATEGORY 2), H351 ACUTE AQUATIC TOXICITY (CATEGORY 1), H400 CHRONIC AQUATIC TOXICITY (CATEGORY 1), H410 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(8)
H301	TOXIC IF SWALLOWED.
H302 + H332	HARMFUL IF SWALLOWED OR INHALED
H317	MAY CAUSE AN ALLERGIC SKIN REACTION.
H319	CAUSES SERIOUS EYE IRRITATION.
H341	SUSPECTED OF CAUSING GENETIC DEFECTS.
H351	SUSPECTED OF CAUSING CANCER
H410	VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING
	EFFECTS.
PRECAUTIONARY STAT	
P201	OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.
P202	DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE
1202	BEEN READ AND UNDERSTOOD.
P261	AVOID BREATHING DUST/ FUME/ GAS/ MIST/ VAPOURS/
	SPRAY.
P264	WASH SKIN THOROUGHLY AFTER HANDLING.
P270	DO NOT EAT, DRINK OR SMOKE WHEN USING THIS
	PRODUCT.
P271	USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.
P272	CONTAMINATED WORK CLOTHING SHOULD NOT BE
	ALLOWED OUT OF THE WORKPLACE.
P273	AVOID RELEASE TO THE ENVIRONMENT.
P280	WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE
	PROTECTION/ FACE PROTECTION.
P301 + P310 + P330	IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR
	DOCTOR/ PHYSICIAN. RINSE MOUTH.
P302 + P352 + P312	IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.
	CALL A POISON CENTER OR DOCTOR/ PHYSICIAN IF YOU
	FEEL UNWELL.
P304 + P340 + P312	IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP
	COMFORTABLE FOR BREATHING. CALL A POISON
	CENTER/DOCTOR IF YOU FEEL UNWELL.
P305 + P351 + P338	IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL
	MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND
	EASY TO DO. CONTINUE RINSING.
P308 + P313	IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/
	ATTENTION
P333 + P313	IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL
	ADVICE/ ATTENTION.

P337 + P313	IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ ATTENTION
P363	WASH CONTAMINATED CLOTHING BEFORE REUSE.
P391	COLLECT SPILLAGE.
P405	STORE LOCKED UP.
P501	DISPOSE OF CONTENTS/ CONTAINER TO AN APPROVED
	WASTE DISPOSAL PLANT.
HAZARDS NOT OTHERWISE	NONE

OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MF:	$C_6H_8N_2$
MW:	108.14
CAS-NO.	95-54-5
PURITY:	\geq 99% (GC)

HAZARDOUS COMPONENTS

CLASSIFICATION	CONCENTRATION
ACUTE TOX. 3; ACUTE TOX. 4;	<= 100%
EYE IRRIT. 2A; SKIN SENS. 1;	
MUTA. 2; CARC. 2; AQUATIC	
ACUTE 1; AQUATIC CHRONIC	
1; H301, H312 + H332, H317,	
H319, H341, H351, H410	
	ACUTE TOX. 3; ACUTE TOX. 4; EYE IRRIT. 2A; SKIN SENS. 1; MUTA. 2; CARC. 2; AQUATIC ACUTE 1; AQUATIC CHRONIC 1; H301, H312 + H332, H317,

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 CONTACT	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.
IF SWALLOWED	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	THE MOST IMPORTANT KNOWN SYMPTOMS AND EFFECTS ARE DESCRIBED IN THE LABELLING (SEE SECTION 2.2) AND/OR IN SECTION 11
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED	NO DATA AVAILABLE

SECTION 5. FIRE AND EXPLOSION DATA

SUITABLE EXTINGUISHING MEDIA	USE WATER SPRAY, ALCOHOL-RESISTANT FOAM, DRY CHEMICAL OR CARBON DIOXIDE.
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	CARBON OXIDES, NITROGEN OXIDES (NOX)
ADVICE FOR FIREFIGHTERS	WEAR SELF-CONTAINED BREATHING APPARATUS FOR FIREFIGHTING IF NECESSARY.
FURTHER INFORMATION	NO DATA AVAILABLE

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL	WEAR RESPIRATORY PROTECTION. AVOID DUST
PRECAUTIONS,	FORMATION. AVOID BREATHING VAPOURS, MIST OR
PROTECTIVE	GAS. ENSURE ADEQUATE VENTILATION. EVACUATE
EQUIPMENT AND	PERSONNEL TO SAFE AREAS. AVOID BREATHING DUST.
EMERGENCY	FOR PERSONAL PROTECTION SEE SECTION 8.
PROCEDURES	

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.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP	PICK UP AND ARRANGE DISPOSAL WITHOUT CREATING DUST. SWEEP UP AND SHOVEL. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL.
REFERENCE TO OTHER SECTIONS	FOR DISPOSAL SEE SECTION 13.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING	AVOID CONTACT WITH SKIN AND EYES. AVOID FORMATION OF DUST AND AEROSOLS.FURTHER PROCESSING OF SOLID MATERIALS MAY RESULT IN THE FORMATION OF COMBUSTIBLE DUSTS. THE POTENTIAL FOR COMBUSTIBLE DUST FORMATION SHOULD BE TAKEN INTO CONSIDERATION BEFORE ADDITIONAL PROCESSING OCCURS. PROVIDE APPROPRIATE EXHAUST VENTILATION AT PLACES WHERE DUST IS FORMED.
	FOR PRECAUTIONS SEE SECTION 2.2.
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE.
ANY INCOMPATIBILITIES	RECOMMENDED STORAGE TEMPERATURE
	MOISTURE SENSITIVE. STORE UNDER NITROGEN. MAY DARKEN ON STORAGE
	STORAGE CLASS (TRGS 510): NON-COMBUSTIBLE, ACUTE TOXIC CAT.3 / TOXIC HAZARDOUS MATERIALS OR HAZARDOUS MATERIALS CAUSING CHRONIC EFFECTS
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 WORKPLACE CONTROL PARAMETERS

COMPONENT	CAS-NO.	VALUE	CONTROL	BASIS
			PARAMETERS	
0-	95-54-5	TWA	0.100000	USA. ACGIH THRESHOLD
Phenylenediamine			MG/M3	LIMIT VALUES (TLV)
	REMARKS	ANEMIA		
		CONFIRME	D ANIMAL CARCIN	OGEN WITH UNKNOWN
		RELEVANC	E TO HUMANS	
		TWA	0.1 MG/M3	OSHA SPECIFICALLY
				REGULATED
				CHEMICALS/CARCINOGENS
		ANEMIA		
		CONFIRME	D ANIMAL CARCIN	OGEN WITH UNKNOWN
		RELEVANC	E TO HUMANS	

EXPOSURE CONTROLS

APPROPRIATE	AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WASH
ENGINEERING	HANDS BEFORE BREAKS AND IMMEDIATELY AFTER
CONTROLS	HANDLING THE PRODUCT.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE	FACE SHIELD AND SAFETY GLASSES USE EQUIPMENT FOR
PROTECTION	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: NITRILE RUBBER MINIMUM LAYER THICKNESS: 0.11 MM BREAK THROUGH TIME: 480 MIN MATERIAL TESTED:DERMATRIL (KCL 740, SIZE M)
	SPLASH CONTACT MATERIAL: NITRILE RUBBER MINIMUM LAYER THICKNESS: 0.11 MM BREAK THROUGH TIME: 480 MIN MATERIAL TESTED:DERMATRIL(KCL 740, 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 ANY SPECIFIC USE SCENARIO.
BODY PROTECTION	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	WHERE RISK ASSESSMENT SHOWS AIR-PURIFYING RESPIRATORS ARE APPROPRIATE USE A FULL-FACE PARTICLE RESPIRATOR TYPE N100 (US) OR TYPE P3 (EN 143) RESPIRATOR CARTRIDGES AS A BACKUP TO ENGINEERING CONTROLS. IF THE RESPIRATOR IS THE SOLE MEANS OF PROTECTION, USE A FULL-FACE SUPPLIED AIR RESPIRATOR. USE RESPIRATORS AND COMPONENTS TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (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

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INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	White granular crystal
ODOUR	NO DATA AVAILABLE
	NO DATA AVAILABLE NO DATA AVAILABLE
ODOUR THRESHOLD	
PH	8.7
MELTING	100.7-104.0 °C
POINT/FREEZING POINT	
INITIAL BOILING POINT	256-258 °C
AND BOILING RANGE	
FLASH POINT	136 °C
EVAPORATION RATE	NO DATA AVAILABLE
FLAMMABILITY (SOLID,	NO DATA AVAILABLE
GAS)	
UPPER/LOWER	LOWER EXPLOSION LIMIT: 1.5 %(V)
FLAMMABILITY OR	
EXPLOSIVE LIMITS	
VAPOUR PRESSURE	3.27 HPA (2.45 MMHG) AT 100 C
	0.01 HPA (0.01 MMHG) AT 25 C
	0.001 HPA (0.001 MMHG) AT 20 C - OECD TEST GUIDELINE 104
VAPOUR DENSITY	NO DATA AVAILABLE
RELATIVE DENSITY	1.03
WATER SOLUBILITY	39.3 G/L AT 20 C - OECD TEST GUIDELINE 105
PARTITION COEFFICIENT:	LOG POW: 0.12 AT 25 C - OECD TEST GUIDELINE 107
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 INFORMATION

BULK DENSITY 0.74 G/CM3 AT 24 C

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY	NO DATA AVAILABLE
CHEMICAL STABILITY	STABLE UNDER RECOMMENDED STORAGE CONDITIONS.
POSSIBILITY OF HAZARDOUS REACTIONS	NO DATA AVAILABLE
CONDITIONS TO AVOID	NO DATA AVAILABLE

INCOMPATIBLE MATERIALS	STRONG OXIDIZING AGENTS
HAZARDOUS	OTHER DECOMPOSITION PRODUCTS - N
DECOMPOSITION	

HAZARDOUSOTHER DECOMPOSITION PRODUCTS - NO DATADECOMPOSITIONAVAILABLEPRODUCTSIN THE EVENT OF FIRE: SEE SECTION 5

SECTION 11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY	NO DATA AVAILABLE LC50 INHALATION - RAT - MALE - 4 H - 3.6 MG/L DERMAL: NO DATA AVAILABLE NO DATA AVAILABLE
SKIN CORROSION/IRRITATION	SKIN - RABBIT RESULT: NO SKIN IRRITATION - 4 H (OECD TEST GUIDELINE 404)
SERIOUS EYE DAMAGE/EYE IRRITATION	EYES - RABBIT RESULT: IRRITATING TO EYES. (OECD TEST GUIDELINE 405)
RESPIRATORY OR SKIN SENSITISATION	MAXIMISATION TEST (GPMT) - GUINEA PIG RESULT: MAY CAUSE SENSITISATION BY SKIN CONTACT
GERM CELL MUTAGENICITY	IN VITRO TESTS SHOWED MUTAGENIC EFFECTS AMES TEST S. TYPHIMURIUM RESULT: NEGATIVE MOUSE RESULT: NEGATIVE
CARCINOGENICITY	LIMITED EVIDENCE OF CARCINOGENICITY IN ANIMAL STUDIES
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.
NTP:	NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A KNOWN OR ANTICIPATED
OSHA:	CARCINOGEN BY NTP. 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 TOXICITY - SINGLE EXPOSURE	NO DATA AVAILABLE
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	NO DATA AVAILABLE
ASPIRATION HAZARD	NO DATA AVAILABLE
ADDITIONAL INFORMATION	
REPEATED DOSE TOXICITY	RAT - MALE - ORAL - NOAEL : 400 MG/KG - OECD TEST GUIDELINE 407 RTECS: NOT AVAILABLE
	EXPOSURE CAN CAUSE NUMBNESS, TINGLING, AND WEAKNESS IN EXTREMITIES., NAUSEA, DIZZINESS, HEADACHE, CENTRAL NERVOUS SYSTEM DEPRESSION, TO THE BEST OF OUR KNOWLEDGE,

LING, AND ZZINESS, LEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

STOMACH - IRREGULARITIES - BASED ON HUMAN EVIDENCE

ECOLOGICAL INFORMATION SECTION 12.

TOXICITY	STATIC TEST LC50 - PIMEPHALES PROMELAS
TOXICITY TO FISH	(FATHEAD MINNOW) - 44 MG/L - 96 H
TOXICITY TO DAPHNIA AND	(OECD TEST GUIDELINE 203)
OTHER AQUATIC	SEMI-STATIC TEST EC50 - DAPHNIA MAGNA (WATER
INVERTEBRATES	FLEA) - 1.4 MG/L - 48 H
TOXICITY TO ALGAE	STATIC TEST EC50 - PSEUDOKIRCHNERIELLA SUBCAPITATA - 0.16 MG/L - 96 H
PERSISTENCE AND	AEROBIC - EXPOSURE TIME 28 D
DEGRADABILITY	RESULT: 0 % - NOT BIODEGRADABLE
BIODEGRADABILITY	(OECD TEST GUIDELINE 301C)
BIOACCUMULATIVE POTENTIAL	NO DATA AVAILABLE

MOBILITY IN SOIL	NO DATA AVAILABLE
RESULTS OF PBT AND VPVB ASSESSMENT	PBT/VPVB ASSESSMENT NOT AVAILABLE AS CHEMICAL SAFETY ASSESSMENT NOT REQUIRED/NOT CONDUCTED
OTHER ADVERSE EFFECTS	AN ENVIRONMENTAL HAZARD CANNOT BE EXCLUDED IN THE EVENT OF UNPROFESSIONAL HANDLING OR DISPOSAL. VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

PRODUCT	OFFER SURPLUS AND NON-RECYCLABLE SOLUTIONS TO A LICENSED DISPOSAL COMPANY. CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL. DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.
CONTAMINATED PACKAGING	DISPOSE OF AS UNUSED PRODUCT.

SECTION 14. TRANSPORT INFORMATION

DOT (US) PROPER SHIPPING NAME: UN NUMBER: CLASS: PACKING GROUP: POISON INHALATION HAZARD:	PHENYLENEDIAMINES (o-Phenylenediamine) 1673 6.1 III NO
IMDG PROPER SHIPPING NAME: UN NUMBER: CLASS: PACKING GROUP: EMS-NO: MARINE POLLUTANT:	PHENYLENEDIAMINES (o-Phenylenediamine) 1673 6.1 III F-A, S-A YES

IATA	
PROPER SHIPPING NAME:	PHENYLENEDIAMINES (o-Phenylenediamine)
UN NUMBER:	1673
CLASS:	6.1
PACKING GROUP:	III

SECTION 15. REGULATORY INFORMATION

SARA 302 COMPONENTS	NO CHEMICALS IN THIS MA THE REPORTING REQUIRED SECTION 302.	
SARA 313 COMPONENTS	THE FOLLOWING COMPON REPORTING LEVELS ESTAE SECTION 313. CAS-NO.	ENTS ARE SUBJECT TO BLISHED BY SARA TITLE III, REVISION DATE
o-Phenylenediamine	95-54-5	07/01/2007

SARA 311/312 HAZARDS

o-Phenylenediamine

ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD

MASSACHUSETTS RIGHT TO KNOW COMPONENTS

CAS-NO.
95-54-5

REVISION DATE 07/01/2007

PENNSYLVANIA RIGHT TO KNOW COMPONENTS

	CAS-NO.	REVISION DATE
o-Phenylenediamine	95-54-5	07/01/2007

NEW JERSEY RIGHT TO KNOW COMPONENTS

o-Phenylenediamine CAS-NO. 95-54-5

REVISION DATE 07/01/2007

CALIFORNIA PROP. 65 COMPONENTS	WARNING! THIS PRODUCT KNOWN TO THE STATE OF C CANCER.	CALIFORNIA TO CAUSE
o-Phenylenediamine	CAS-NO. 95-54-5	REVISION DATE 09/28/2007

SECTION 16. OTHER INFORMATION

FULL TEXT OF H-STATEMENTS REFERRED TO UNDER SECTIONS 2 AND 3.

ACUTE TOX. AQUATIC ACUTE AQUATIC CHRONIC CARC. EYE IRRIT. H301 ACUTE TOXICITY ACUTE AQUATIC TOXICITY CHRONIC AQUATIC TOXICITY CARCINOGENICITY EYE IRRITATION TOXIC IF SWALLOWED.

H312	HARMFUL IN CONTACT WITH SKIN.
H312 + H332	HARMFUL IN CONTACT WITH SKIN OR IF INHALED
H317	MAY CAUSE AN ALLERGIC SKIN REACTION
H319	CAUSES SERIOUS EYE IRRITATION
H332	HARMFUL IF INHALED.
H341	SUSPECTED OF CAUSING GENETIC DEFECTS
H351	SUSPECTED OF CAUSING CANCER

HMIS RATING

HEALTH HAZARD:	2
CHRONIC HEALTH	*
HAZARD:	
FLAMMABILITY:	1
PHYSICAL HAZARD	0

NFPA RATING

HEALTH HAZARD:	2
FIRE HAZARD:	1
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:

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