



8EHO-0295-13347

(A)



Baker Performance Chemicals Incorporated
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Houston, TX 77027
P.O. Box 27714
Houston, TX 77227-7714
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(1)

Certified Mail Z 709 081 615

February 23, 1995

ORIGINAL

Document Processing Center (TS-790)
(Attn: Section 8(e) Coordinator)
Office of Toxic Substances
U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, DC 20460

Contains No CBI

RECEIVED
FEB 28 11:59

Subject: Section 8(e) Notification for IPC 6365

Dear Sir:

Baker Performance Chemicals, Incorporated (BPCI) is formally submitting a Section 8(e) notification for the subject product. An acute toxicity test (96-Hour Definitive Test using *Pimephales promelas*) was conducted on IPC 6365 for the purpose of a customer proposal. The 96-Hour LC₅₀ was determined to be 0.625 ppm. The bioassay report from the performing laboratory is attached. IPC 6365 is used as a water treatment additive in biological wastewater systems for the purpose of water clarification. A Material Safety Data Sheet is attached for this product.

Should you require additional information, please contact me at 713/599-7507. Thank you for your assistance in this matter.

Sincerely,

Pat Gibson
Registration Specialist
Regulatory Affairs - Pesticide Programs



8EHO-95-13347
INIT 02/28/95



88950000136

RECEIVED
3/27/95

Note:

Submitter is sending
more information about
chemical identity in
a follow-up CBI submission
at my request.

Recky Jones

AH&M ENVIRONMENTAL, INC.

6404 MacCorkle Avenue, S.W.
St. Albans, WV 25177

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FEB 21 1995
PESTICIDE PROGRAMS

BIOASSAY REPORT

FOR

BAKER PERFORMANCE CHEMICALS

CHEMLINK

P. O. BOX 27714

HOUSTON, TX 77227-7714

AHM NO. 95-001

Pimephales promelas

DECEMBER 31, 1994 - JANUARY 1, 1995, 24 HOUR RANGEFINDER
JANUARY 14 - 18, 1995, 96 HOUR DEFINITIVE

INTRODUCTION

AH&M Environmental, Inc. conducted aquatic toxicity bioassays to determine the toxicity of compound IPC-6365 received from Baker Performance Chemicals/ Chemlink. A sample was collected and shipped to AH&M Environmental via Federal Express. The sample is tested for MSDS purposes using the fathead minnow, *Pimephales promelas*, in a 24 hour rangefinder and a 96 hour definitive test. The 24 hour rangefinder was conducted on December 31, 1994 - January 1, 1995 the 96 hour definitive test was conducted on January 14 - 18, 1995.

DILUTION WATER

Dilution water used to perform the toxicity test is moderately hard synthetic freshwater that is favorable to the aquatic organisms. Dilution water is prepared according to EPA protocol "Methods for Measuring the Acute Toxicity of Effluent to Freshwater and Marine Organisms" and "Standard Methods for the Examination of Water and Waste Water, 17 Edition." The water is allowed to aerate for 24 - 48 hours prior to use. Water quality analysis is conducted on the dilution water. At any time water quality is not adequate an additional batch will be prepared or an alternate source will be chosen.

IPC-6365:

IPC-6365 is a clear, reddish-amber liquid with no specific odor. IPC-6365 is a stable compound and is somewhat soluble in water. The sample was stored at 4°C, prior to its use in the test.

TEST METHODS:

Rangefinder:

A 24 hour rangefinding toxicity test is performed for Baker Performance Chemicals/ Chemlink according to EPA protocol "Methods for Measuring the Acute Toxicity of Effluent to Freshwater and Marine Organisms, EPA/600/4-90/027". A concentration range of 10,000 ppm, 1,000 ppm, 100 ppm, 10 ppm, 1.0 ppm and 0 ppm (control) was used to test the toxicity of IPC-6365. Concentrations are determined so as to provide a wide range of concentrations to encompass the probable concentration causing 50% mortality or more. Rangefinding tests may be significantly different from the toxicity observed in the follow-up definitive tests, because the definitive test is longer and the test may be performed with a sample collected at a different time, and possibly differing significantly in the level of toxicity.

Definitive:

A 96 hour acute definitive multi-concentration toxicity test was performed for Baker Performance Chemicals according to EPA protocol "Methods for Measuring the Acute Toxicity of Effluent to Freshwater and Marine Organisms, EPA/600/4-90/027." This test provides a point estimate of toxicity in terms of a LC50. Using 0.5 dilution series, a concentration range of 10.0 ppm, 5.0 ppm, 2.5 ppm, 1.25 ppm, 0.625 ppm and 0 ppm (control) was used to determine the LC50.

Test vessels used are 250 ml glass test vessels, and the test volume is 200 ml. A stock solution representing the highest concentration being tested was prepared by diluting .01 ml of sample with 1 liter of dilution water. Test concentrations are mixed and decanted to the test vessels. Test vessels are randomly distributed and 10 organisms of a given species is exposed to each effluent concentration.

Test temperature is measured every 4 hours. Test temperatures are maintained at 25°C ± 1°C and DO levels are monitored and are maintained at >4.0 mg/l. Dissolved oxygen, conductivity and pH are measured at the beginning and throughout the test.

Test organisms used are 12 day old fathead minnows for the definitive test, 7 day old for the rangefinder, and are cultured at AH&M Environmental, Inc. The fathead minnow, *Pimephales promelas* were hatched on December 29 and 24, 1994, respectively.

RESULTS:

Range-finding:

The adverse effects measured in the rangefinding test is mortality. At 24 hours 100% mortality occurred in the 10,000 ppm, 1,000.0 ppm, 100.0 ppm and 10 ppm. 0% mortality occurred in the 1.0 ppm. 0% mortality occurred in the (control). The LC50 for sample IPC-6365 is 3.16 ppm as is determined using the Trimmed Spearman-Kärber Method. The 95% confidence limits are not reliable.

Definitive:

The adverse effects measured in the 96 hour definitive test is mortality. At 24 hours 100% mortality occurred in the 10.0 ppm, 5.0 ppm, 2.5 ppm, 1.25 ppm and 0.625 ppm. 0% mortality occurred controls. The LC50 for 96 hours is <0.625 ppm. This product was tested twice to ensure that results of the test were acceptable. See Table 1 in the test summary Section V, for the Daily Percent Mortality. All chemical analysis of effluent and dilution water are in appendix A. A copy of the laboratory bench sheets are in appendix B, and LC50 results are in appendix C.

AH&M ENVIRONMENTAL, INC.
6404 MacCorkle Avenue, S.W.
St. Albans, West Virginia 25177

TEST SUMMARY SHEET

Facility: Chemlink Baker Performance Contact: Becky Doane/Pat Gibson
Address: P. O. Box 27714 Outfall No.: -
Houston, Texas 77227 NPDES No.: -
Telephone No.: 1-800-231-3606 Sample ID: IPC-6365
AH&M Test No.: 95-001 Report Date: 01/30/95

I. SAMPLE INFORMATION

- A. Method of Sample Shipment: Federal Express courier
- B. Condition Upon Preparation of 10.0 ppm
1. Temperature 24.5°C
 2. pH 8.30 std. units
 3. Chlorine 0 mg/l
 4. Conductivity 350 μ mhos
 5. DO 7.9 mg/l
 6. Appearance Clear colorless liquid with no sediment or particulate and a chemical odor
- C. Collection/Preparation Dates: 9/29/94
- D. Collection/Preparation Location: AH&M Environmental, Inc.

II. DILUENT INFORMATION

- A. Method of Diluent Shipment: Not applicable, prepared in-house
- B. Treatment of Diluent: Moderately hard water prepared to EPA protocol 600/4-90/027
- C. Condition of dilution water
1. Temperature 24.1°C
 2. pH 8.28 std. units

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St. Albans, West Virginia 25177

TEST SUMMARY SHEET

3. Chlorine 0 mg/l
 4. Conductivity 330 μ mhos
 5. DO 8.0 mg/l
 6. Appearance Clear, colorless, odorless, no sediment
-

D. Collection/Preparation Date: 1/09/95

E. Collection/Preparation Location: AH&M Environmental, Inc.

III. TEST START

A. Test Organism: *Pimephales promelas*

B. Age: 12 days Lot #: 942912

C. Test Vessel Size: 250 ml

D. Test Volume: 200 ml

E. No. of Replicates: 2

F. No. of Organisms per replicate: 10

G. Test Dates/Time: Beginning Date: 1/14/95 Time: 1310
Ending Date: 1/15/95 Time: 1310

H. 10.0 ppm IPC-6365 at 0 Hours

1. Chlorine Initial 0 mg/l Adjusted -
 2. Salinity Initial 0 ppt Adjusted -
 3. pH Initial 7.82 std. units Adjusted -
 4. Alkalinity 96 mg/l
 5. Hardness 144 mg/l
 6. Conductivity 340 μ mhos
 7. DO Initial 8.0 mg/l Adjusted -
- Aeration Period (if necessary) _____

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St. Albans, West Virginia 25177

TEST SUMMARY SHEET

G. Dilution/Control at 0 Hours

1. pH Initial 8.20 std units Adjusted -
2. Salinity Initial 0 ppt Adjusted -
3. DO Initial 8.0 mg/l Adjusted -
 Aeration Period (if necessary) -
4. Alkalinity 96 mg/l
5. Hardness 102 mg/l
6. Conductivity 330 μ mhos

IV. TEST RESULTS

A. Test Acceptability

1. Control Survival 100%
2. Average Weight Per Control Organism -

B. Statistical Analysis

1. Method of Statistical Analysis Not Applicable
2. LC50 <0.625 ppm 95% Confidence Limits: not applicable

V. TABLE 1 DAILY PERCENT MORTALITY

	Control	0.625 ppm	1.25 ppm	2.5 ppm	5.0 ppm	10.0 ppm
0	0	0	0	0	0	0
24	0	100	100	100	100	100
48	*	*	*	*	*	*
72	*	*	*	*	*	*
96	*	*	*	*	*	*

* Test exhibited 100% mortality in all concentration after 24 hours of exposure.

AH&M ENVIRONMENTAL, INC.
6404 MacCorkle Avenue, S.W.
St. Albans, West Virginia 25177

TEST SUMMARY SHEET

VI. COMMENTS

* All fish died within 24 hour of exposure.

APPENDIX A

**AH&M ENVIRONMENTAL INC.
6404 MACCORKLE AVE.
ST. ALBANS, WEST VIRGINIA**

Client: Baker Performance Chemicals
AH&M Test No.: 95-001

Date: 12/31/94 01/01/95
Organism: *Pimephales promelas*

CONCENTRATION:	Control	TIME(HOURS)	0	24
ALIVE	a		10	10
TEMP. C	a		24.0	24.4
pH	a		7.74	8.22
DO(mg/l)	a		8.1	7.0
COND. (UMHOS/CM)	a		280	220

CONCENTRATION:	Control	AVG.	STD.	MAX.	MIN.
TEMP C:		24.2	0.2	24.4	24.0
pH:		7.98	0.24	8.22	7.74
DO(mg/l):		7.6	0.6	8.1	7.0
COND.(UHMOS/CM)		250	30	280	220

Client: Baker Performance Chemicals
AH&M Test No.: 95-001

Date: 12/31/94 01/01/95
Organism: *Pimephales promelas*

CONCENTRATION:	1.0ppm		
	TIME(HOURS)	0	24
ALIVE	a	10	10
TEMP. C	a	24.2	24.4
pH	a	7.74	8.12
DO(mg/l)	a	8.1	8.0
COND. (UMHOS/CM)	a	260	325

CONCENTRATION:	1.0ppm				
		AVG.	STD.	MAX.	MIN.
TEMP C:		24.3	0.1	24.4	24.2
pH:		7.93	0.19	8.12	7.74
DO(mg/l):		8.1	0.1	8.1	8.0
COND.(UHMOS/CM)		293	33	325	260

Client: Baker Performance Chemicals
AH&M Test No.: 95-001

Date: 12/31/94 01/01/95
Organism: *Pimephales promelas*

CONCENTRATION:	10.0ppm		
	TIME(HOURS)	0	24
ALIVE	a	10	0
TEMP. C	a	24.2	24.4
pH	a	7.92	8.03
DO(mg/l)	a	8.0	8.0
COND. (UMHOS/CM)	a	255	330

CONCENTRATION:	10.0ppm				
		AVG.	STD.	MAX.	MIN.
TEMP C:		24.3	0.1	24.4	24.2
pH:		7.98	0.05	8.03	7.92
DO(mg/l):		8.0	0.0	8.0	8.0
COND.(UHMOS/CM)		293	38	330	255

Client: Baker Performance Chemicals
AH&M Test No.: 95-001

Date: 12/31/94 01/01/95
Organism: *Pimephales promelas*

CONCENTRATION:	100.0ppm		
	TIME(HOURS)	0	24
ALIVE	a	10	0
TEMP. C	a	24.3	24.4
pH	a	7.87	8.09
DO(mg/l)	a	7.9	8.0
COND. (UMHOS/CM)	a	265	350

CONCENTRATION:	100.0ppm				
		AVG.	STD.	MAX.	MIN.
TEMP C:		24.4	0.1	24.4	24.3
pH:		7.98	0.11	8.09	7.87
DO(mg/l):		8.0	0.0	8.0	7.9
COND.(UHMOS/CM)		308	43	350	265

Client: Baker Performance Chemicals
AH&M Test No.: 95-001

Date: 12/31/94 01/01/95
Organism: *Pimephales promelas*

CONCENTRATION:	1,000ppm		
	TIME(HOURS)	0	24
ALIVE	a	10	0
TEMP. C	a	24.3	24.6
pH	a	7.36	7.99
DO(mg/l)	a	8.0	8.0
COND. (UMHOS/CM)	a	375	405

CONCENTRATION:	1,000ppm				
		AVG.	STD.	MAX.	MIN.
	TEMP C:	24.5	0.2	24.6	24.3
	pH:	7.68	0.31	7.99	7.36
	DO(mg/l):	8.0	0.0	8.0	8.0
	COND.(UHMOS/CM)	390	15	405	375

Client: Baker Performance Chemicals
AH&M Test No.: 95-001

Date: 12/31/94 01/01/95
Organism: *Pimephales promelas*

CONCENTRATION:	10,000ppm		
	TIME(HOURS)	0	24
ALIVE	a	10	0
TEMP. C	a	24.5	24.8
pH	a	6.05	6.99
DO(mg/l)	a	8.0	8.1
COND. (UMHOS/CM)	a	1300	1350

CONCENTRATION:	10,000ppm				
		AVG.	STD.	MAX.	MIN.
TEMP C:		24.7	0.1	24.8	24.5
pH:		6.52	0.47	6.99	6.05
DO(mg/l):		8.1	0.1	8.1	8.0
COND.(UHMO/CM)		1325	25	1350	1300

APPENDIX B

AH&M ENVIRONMENTAL BIOASSAY LABORATORY BENCH SHEET

INDUSTRY: Baker Performance Chemicals
 ADDRESS: Houston, Texas
 CONTACT: Pat Gibson
 AHM TEST NO.: 95-001
 TOXICANT: IPC 6365

PERSON CONDUCTING TEST: EBG/ART
 BEGINNING DATE: 1/11/95
 ENDING DATE: 1/18/95

TIME: 1310
 TIME: 1310

TEST ORGANISM: Pimephales promelas
 AGE: 12 days

DILUTION WATER USED: Moderately Hard Water

TEST TEMPERATURE: 25 +/- 1C

CONC. OR %	TEST VESSEL NUMBER	NUMBER OF ORGANISMS ALIVE			D.O. (mg/L)			pH			Temperature (C)			Conductivity (umhos)			Alk.	Hard.
		0	24	48	72	96	0	24	48	72	96	0	24	48	72	96		
Control	1	10	10	10	10	10	8.6	8.6	8.6	8.6	8.6	24.6	24.6	24.6	24.6	24.6	0.96	1020
0.625ppm	2	10	10	10	10	10	8.6	8.6	8.6	8.6	8.6	24.6	24.6	24.6	24.6	24.6	0.96	1020
	3	10	10	10	10	10	8.6	8.6	8.6	8.6	8.6	24.6	24.6	24.6	24.6	24.6	0.96	1020
	4	10	10	10	10	10	8.6	8.6	8.6	8.6	8.6	24.6	24.6	24.6	24.6	24.6	0.96	1020
	5	10	10	10	10	10	8.6	8.6	8.6	8.6	8.6	24.6	24.6	24.6	24.6	24.6	0.96	1020
1.25ppm	6	10	10	10	10	10	8.6	8.6	8.6	8.6	8.6	24.6	24.6	24.6	24.6	24.6	0.96	1020
	7	10	10	10	10	10	8.6	8.6	8.6	8.6	8.6	24.6	24.6	24.6	24.6	24.6	0.96	1020
2.5ppm	8	10	10	10	10	10	8.6	8.6	8.6	8.6	8.6	24.6	24.6	24.6	24.6	24.6	0.96	1020
	9	10	10	10	10	10	8.6	8.6	8.6	8.6	8.6	24.6	24.6	24.6	24.6	24.6	0.96	1020
5.0ppm	10	10	10	10	10	10	8.6	8.6	8.6	8.6	8.6	24.6	24.6	24.6	24.6	24.6	0.96	1020
	11	10	10	10	10	10	8.6	8.6	8.6	8.6	8.6	24.6	24.6	24.6	24.6	24.6	0.96	1020
10.0ppm	12	10	10	10	10	10	8.6	8.6	8.6	8.6	8.6	24.6	24.6	24.6	24.6	24.6	0.96	1020
	initials:	ART	ART	ART	ART	ART	ART	ART	ART	ART	ART	ART	ART	ART	ART	ART	ART	ART
QC sign off	EB																	

Comments: Cell died from H2O on. Have to start up lower concentration. Restarted test 1/16/95. At the same concentrations, 100% mortality by 24 hours. 0.25 ppm.

Conc.	D.O.	Temp	Survival
0.625	8.0	24.2	3/0
1.25	8.2	24.0	3/5
2.5	8.1	24.0	3/5
5.0	8.0	24.0	3/0
10.0	8.0	24.0	3/0

APPENDIX C

TRIMMED SPEARMAN-KARBER METHOD. VERSION 1.5

DATE: 12/31/94 TEST NUMBER: 95-001 DURATION: 24 H
TOXICANT : IPC 6365
SPECIES: Pimephales promelas

RAW DATA:	Concentration	Number	Mortalities
--- ----	(PPM)	Exposed	
	.00	10	0
	1.00	10	0
	10.00	10	10
	100.00	10	10
	1000.00	10	10
	*****	10	10

SPEARMAN-KARBER TRIM: .003

SPEARMAN-KARBER ESTIMATES: LC50: 3.16
95% CONFIDENCE LIMITS
ARE NOT RELIABLE.

Printed 02-23-1995
IPC 6365 ADDITIVE
CAUTION CODE 1-1-0
 MSDS ID: 8001992

1 - SECTION I - IDENTITY

CHEMLINK INDUSTRIAL
 A Division of Baker Performance
 Chemicals Incorporated
 3920 ESSEX LANE, P.O. BOX 27714
 HOUSTON, TX 77227-7714

EMERGENCY TELEPHONE NUMBERS:
 CHEMTREC: 1-800-424-9300
 800-231-3606
 TELEPHONE NUMBER FOR INFORMATION:
 713-599-7400

CHEMICAL NAME: Chemical Identity
 Is A Trade Secret

CHEMICAL FAMILY: Proprietary

2 - SECTION II - REGULATORY CLASSIFICATION

ENVIRONMENTAL

RQ= None

TPQ= None

SARA S313: No

OCCUPATIONAL

OSHA Non-Hazardous: Yes

OSHA Hazardous: NA
 NA Acute
 NA Chronic
 NA Fire
 NA Pressure
 NA Reactive

TRANSPORTATION

Not Regulated: Yes

Regulated: NA

The components of this product are listed on the TSCA inventory.

3 - SECTION III - HAZARDOUS INGREDIENTS

This product contains no listed hazardous ingredients by 29 CFR 1910.1200 regulations. However, good industrial hygiene practices should still be used with this product.

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity 860F: 1.10
 (H2O=1)

Density (lbs/gallon): 9.0

Vapor Density (Air=1): > 1

Solubility: Appreciable

Freezing Point: 30F

Flash Point (Method): 200F

Boiling Point: 212F

Vapor Pressure: Not Determined

pH:
 5% of Product: 4.0 to 5.0

Viscosity (Method): 600 to 1350 cps @
 70F (Brookfield)

Appearance and Odor: Clear, reddish,
 amber; nonspecific odor

Stability: Stable

Pour Point: Not Determined

Percent Organic Compounds: Proprietary

Conditions to Avoid: Oxidizers; mild
 steel, nickel, bronze, brass, copper,
 and aluminum

Haz. Decomp. Prod: Thermal decomposition or burning may produce carbon dioxide, carbon monoxide, oxides of nitrogen, and other toxic gases.

IPC 6365 ADDITIVE**CAUTION CODE 1-1-0**

MSDS ID: 8001992

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES (continued)

Hazardous Polymerization: Not expected to occur

FIRE CONTROL PROCEDURES: Use foam, dry chemical, CO₂, water fog or spray. Do not enter a fire area without proper protective equipment, including NIOSH/MSHA approved, self-contained breathing apparatus. Cool exposed containers with water spray/fog. Fight fire from safe distance/protected location. Notify authorities if liquid enters sewer/public waters.

FIRE HAZARDS:

No unusual fire hazards; material is not flammable and/or combustible.

5 - SECTION V - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE:**INHALATION:** Not expected to be harmful by inhalation under normal conditions.**EYE CONTACT:** Heavy exposure may cause irritation of the eyes.**SKIN CONTACT:** Prolonged or repeated exposure may cause skin irritation.**INGESTION:** Substance may be harmful if swallowed.**SKIN ABSORPTION:** Not expected to be absorbed through the skin under normal conditions.**AQUATIC TOXICITY DATA:**

Ceriodaphnia Dubia 48HR LC50: 6.25 ppm

Fathead Minnow 96HR LC50: 0.625 ppm

TARGET ORGANS (29 CFR 1910.1200-APPENDIX A):

Eye Hazard

Cutaneous Hazard (skin)

6 - SECTION VI - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

SKIN CONTACT: Remove all contaminated clothing, flush skin with water for 10 minutes. Afterwards, wash the affected area with soap and water and then rinse.

INGESTION: Do not induce vomiting, seek medical attention immediately.

7 - SECTION VII - PROTECTIVE EQUIPMENT RECOMMENDATIONS

VENTILATION: The use of mechanical ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated. Where engineering controls are not feasible, assure use is in an area where there is natural air movement.

Under normal operating conditions, no excursions above the regulated (recommended) exposure levels should occur. However, if used at elevated temperatures, lower atmospheric pressure (high altitudes) or any other physical conditions that may increase the inhalation exposure, respiratory protective equipment as described below, should be worn. Also, due to individual susceptibility and sensitivity, before respirators are used, a

7 - SECTION VII - PROTECTIVE EQUIPMENT RECOMMENDATIONS (continued)

full medical evaluation should be performed per 29 CFR 1910.134(b)(10).

RESPIRATORY	CHEMICAL RESISTANT APPAREL	EYE/FACE
X AS NEEDED:	X AS NEEDED:	X AS NEEDED:
Air Supplied (SCBA)	X Impervious Gloves	X Chemical Splash
X Air Purifying	Tyvek Polyethylene Suit	Goggles
X Full Face Piece	Neoprene Boots	Full Face Shield
Half Face Piece		
X Cartridge or Canister		
Acid Gas		
X Organic Vapor		
Ammonia		

A thorough review of the job task (job safety analysis) by a competent safety professional should be conducted to determine the appropriate level of protection. See 29 CFR 1910, Subpart I and 29 CFR 1910.133 for further information.

8 - SECTION VIII - SPILL & LEAK PROCEDURES

Don appropriate protective clothing and respiratory protection prior to entering a spill/leak area. Eliminate ignition sources. Approach area upwind if possible. Shut off leak if it can be done safely. Dike and pump large spills into salvage containers. Soak up residue and small spills with absorbent clay, sand, or dirt and place in salvage containers. If RQ (reportable quantity) is exceeded, report to National Spill Response Office 1-800-424-8802. Also, in some jurisdictions, spills or leaks of any hazardous materials are reportable--consult local lead agencies for further information. Continue to observe precautions.

WASTE DISPOSAL METHOD(S): Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures and processes may change the classification to non-hazardous, or hazardous for reasons other than, or in addition to product characteristics. Dispose of all waste and/or containers in accordance with federal, state and local regulations.

REQUIREMENTS FOR TRANSPORTATION, HANDLING AND STORAGE: Transport, handle and store in accordance with OSHA Regulation 1910.106 and applicable DOT regulations. Avoid inhalation of vapors or mists. Do not get in eyes, on skin or on clothing. Keep container closed when not in use. Wear suitable protection for eyes and skin when handling. Use with adequate ventilation. Avoid contact with oxidizers. Store in well-ventilated area. Store in cool, dry area. Control ignition source; keep away from heat, sparks and open flame.

NOTE: The information on this MSDS is based on data which is considered to be accurate. BPCI, however, makes no guarantees or warranty, either expressed or implied of the accuracy or completeness of this information.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

This MSDS was prepared and is to be used for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

MATERIAL SAFETY DATA SHEET

Printed 02-23-1995

Page 4

IPC 6365 ADDITIVE

CAUTION CODE 1-1-0

MSDS ID: 8001992

8 - SECTION VIII - SPILL & LEAK PROCEDURES (continued)

By: Anita Wright
Regulatory Information Specialist II

Date: 2/22/95

Supersedes: 6/23/94

2/22/95 - Updated MSDS.