

Material Safety Data Sheet

I. GENERAL INFORMATION

PRODUCT NAME: **PW 76 AS**

DISTRIBUTOR'S ADDRESS: Pivotal Water, Inc.
P.O. Box 74
Huntsville, AL 35804

24 HOUR EMERGENCY PHONE: **800-424-9300**

TRADE NAME: ANTISCALANT

CHEMICAL FORMULA: PROPRIETARY
CHEMICAL FAMILY: ANTIFOULANT

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	C

II. HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS INGREDIENT(S):	% OF PRODUCT	PEL / TLV	CAS NO.
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THIS PRODUCT CONTAINS NO COMPONENT LISTED IN 29CFR 1910.1200 OR OTHER PERTINENT SECTIONS OF THE OSHA REGULATIONS.

1. COMPONENTS OF THIS PRODUCT
2. LISTED ON THE U.S. TSCA INVENTORY.

III. PHYSICAL DATA

BOILING POINT (F):	212 °F	SPECIFIC GRAVITY (H2O=1):	1.125
VAPOR PRESSURE:	NE	PERCENT VOLATILE BY WEIGHT (%):	NA
VAPOR DENSITY:	NE	MELTING / FREEZING POINT (F):	NE
SOLUBILITY IN WATER:	COMPLETE	PH:	APPROXIMATELY 4.0
APPEARANCE AND ODOR:	CLEAR, COLORLESS, ODORLESS SOLUTION		

IV. FIRE AND EXPLOSION DATA

FLASH POINT:	N/A	FLAMMABLE LIMITS IN AIR, VOLUME PERCENTAGE (%):	
AUTO IGNITION TEMPERATURE:	NE	UPPER: N/A	LOWER: N/A
EXTINGUISHER MEDIA:	AS USED ON SURROUNDING FIRE		
SPECIAL FIRE FIGHTING PROCEDURES:	WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS FOR FIRE-FIGHTING AND DURING CLEANUP IMMEDIATELY AFTER A FIRE.		

UNUSUAL FIRE/EXPLOSION HAZARDS: MAY SPLATTER ABOVE BOILING POINT.

V. PHYSICAL HAZARDS

STABILITY:	STABLE	CONDITIONS TO AVOID:	EXTREME HEAT
MATERIALS TO AVOID:	NONE KNOWN.		
Z. POLYMERIZATION:	WILL NOT OCCUR	CONDITIONS TO AVOID:	INTENSE HEAT
HAZARDOUS DECOMPOSITION PRODUCTS:	THERMAL DECOMPOSITION MAY YIELD ACRYLIC MONOMERS.		

VI. HEALTH HAZARDS

ACUTE: IRRITANT

CHRONIC: NONE KNOWN

SIGNS AND SYMPTOMS OF EXPOSURE:

CONTINUOUS AND/OR REPEATED CONTACT WITH THIS PRODUCT MAY IRRITATE SKIN AND EYE TISSUE. INHALATION OF VAPOR OR MIST MAY CAUSE IRRITATION TO THE NOSE, THROAT, AND/OR LUNGS AND MAY CAUSE A HEADACHE.

MEDICAL CONDITIONS GENERALLY

AGGRAVATED BY EXPOSURE:

EXCESSIVE INHALATION OF VAPORS OR MISTS OF THIS PRODUCT MAY FURTHER IRRITATE ANY EXISTING RESPIRATORY CONDITIONS.

LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

IARC: NO

NATIONAL TOXICOLOGY PROGRAM:

NO

VII. EMERGENCY AND FIRST AID PROCEDURES

TREAT SYSTEMATICALLY AS OUTLINED BELOW:

INHALATION: IF AFFECTED, REMOVE PERSON TO FRESH AIR. IF BREATHING DIFFICULTY OCCURS, SEEK IMMEDIATE MEDICAL ATTENTION.

SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. CONSULT A PHYSICIAN IF IRRITATION OCCURS.

EYES: FLUSH WITH CLEAN WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER EYE LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

INGESTION: IF PERSON IS CONSCIOUS, GIVE WATER TO DILUTE. DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

VIII. ENVIRONMENTAL DATA: SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

LARGE AND SMALL SPILL: SMALL SPILL: FLUSH TO WASTE WITH LARGE QUANTITIES OF WATER. LARGE SPILL: COMPLETELY CONTAIN ALL SPILLED MATERIAL. ABSORB ONTO INERT COMPOUND AND RECLAIM TO A CLOSED DOT APPROVED CONTAINER. RESIDUE MAY BE FLUSHED TO WASTE WITH LARGE QUANTITIES OF WATER. SEE SECTION X FOR MORE REGULATORY INFORMATION.

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WASTE DISPOSAL METHODS: DISPOSAL: DISPOSE OF CONTAMINATED PRODUCT VIA AN APPROVED CHEMICAL WASTE DISPOSAL FIRM AND IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

CONTROL MEASURES

RESPIRATORY PROTECTION: NIOSH-APPROVED RESPIRATOR WHEN AIRBORNE EXPOSURE LIMITS ARE EXCEEDED, OR WHEN MISTS OR AEROSOLS ARE GENERATED.

VENTILATION: GENERAL EXHAUST ADEQUATE

PROTECTIVE GLOVES: NEOPRENE OR RUBBER

EYE PROTECTION: CHEMICAL SPLASH GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: IMPERVIOUS CLOTHING: I.E. APRON, BOOTS TO MINIMIZE POTENTIAL CONTACT.

WORK/HYGENIC PRACTICES: CONTAMINATED CLOTHING SHOULD BE LAUNDERED BEFORE REUSE.

OTHER: EYE WASH FOUNTAIN AND SAFETY SHOWER.

X. REGULATORY INFORMATION

DOT SHIPPING NAME: COMPOUND, INDUSTRIAL PROCESS, WATER TREATING, LIQUID

HAZARD CLASSIFICATION: NA UN / NA NUMBER: NA

DOT LABEL REQUIRED: NR

SARA TITLE III REPORTING: SECTION 311: X SECTION 312: X SECTION 313: N/A

SARA 313 REPORTABLE PRODUCT: N/A

SARA TPQ: N/A

CERCLA REPORTABLE QUANTITY OF PRODUCT: N/A

HMIS RATING: HEALTH 1 FLAMMABILITY 0 REACTIVITY 0

DATE PREPARED: MAY 2012

PREPARED BY: STEVEN FENNELL

NE = Not Established

N/A = Not Applicable

NR = Not Required

< = Less Than

> = Greater Than

INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM SOURCES BELIEVED TO BE RELIABLE AND IS OFFERED IN GOOD FAITH AS ACCURATE, BUT WITHOUT GUARANTEE. CONDITIONS OF USE AND SUITABILITY OF THE PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL. ALL RISKS OF USE OF THE PRODUCT ARE THEREFORE ASSUMED BY THE USER AND WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT.

PW 76AS Environmental Data

With specialty chemicals, it is common for the environmental data to be from a compositionally similar material.

The data below is from a material that is very compositionally similar.

ENVIRONMENTAL INFORMATION

- Environmental toxicity: data are for a compositionally similar material.
- Rainbow trout (*salmo gairdneri*), 96 hour LC 50 static : 1000 mg/l. - *Daphnia magna*, 48 hour EC 50 static : > 1000 mg/l.
- Zebra fish, 96 hour EC 50: >100 mg/l. - Algae, 96 hour EC 50: 6.3 to 68 mg/l.

TOXICOLOGICAL INFORMATION

- Acute data: data for a compositionally similar material are listed below.
- Oral LD50 - rat : > 5000 mg/kg. - Dermal LD50 - rabbit : > 5000 mg/kg.
- Eye irritation - rabbit : no irritation.
- Skin irritation - rabbit : slight irritation. • Mutagenicity data: data for a compositionally similar material are listed below.
- Ames mutagenicity: Negative
- Sensitization data: data for a compositionally similar material are listed below.
- Skin sensitization data: guinea pig: no adverse effects observed.