

## GHS SAFETY DATA SHEET (SDS)

### SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

**Product: PA0810**

**PTM & W INDUSTRIES, INC.**                      **PHONE NUMBER: (562) 946-4511**  
**10640 S. PAINTER AVE.**                      **CHEMICAL TRANSPORTATION EMERGENCY:**  
**SANTA FE SPRINGS, CA. 90670-4092**      **CHEMTREC (800) 424-9300**  
DATE OF PREPARATION: 5/4/2015      SUPERSEDES: 5/12/2014

**Product Type: PVA Parting Agent**

**Product Use: Industrial Parting Agent supplied exclusively for workplace use.**

**Signal Word: Danger**

**Hazard Label(s):**

Flammable

Irritant



**Hazard statement(s):**

**H225:** Highly flammable liquid and vapour.

**H315:** Causes skin irritation.

**H303:** May be harmful if swallowed.

**H320:** Causes eye irritation.

**H335:** May cause respiratory irritation.

**H373:** May cause damage to organs through prolonged or repeated exposure.

⇒ (Refer to Section 16 for Hazard Classifications.)

**Precautionary statement(s):**

**P202:** Do not handle until all safety precautions have been read and understood

**P210:** Keep away from heat/sparks/open flames/hot surfaces – No smoking.

**P261:** Avoid breathing dust/fume/gas/mist/vapours/spray.

**P270:** Do not eat, drink or smoke when using this product.

**P281:** Use personal protective equipment as required.

**P285:** In case of inadequate ventilation wear respiratory protection.

**P273:** Avoid release to the environment.

### SECTION 2 — HAZARD(S) IDENTIFICATION

NO.	CANCER	REPRO-TOX	TARGET ORGANS	ACGIH/TLV	OSHA/PEL
P	NO	NO	UNKNOWN	N.A.mg/M <sup>3</sup>	N.A.mg/M <sup>3</sup>
2	NO	NO	LIVER, KIDNEY, CNS	1900 mg/M <sup>3</sup>	1900 mg/M <sup>3</sup>
3	NO	NO	UNKNOWN	50 ppm	300 mg/M <sup>3</sup>

### SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

UNDER GHS-OSHA §4.11 THE PRECISE COMPOSITION OF THIS PRODUCT IS WITHHELD AS CONFIDENTIAL BUSINESS INFORMATION (CBI). A MORE COMPLETE DISCLOSURE CAN BE PROVIDED TO A HEALTH, OR SAFETY PROFESSIONAL WHEN NECESSARY.

**Substance/Mixture: Mixture**

NO.	COMPONENT	CAS. NO.	PERCENT
P	PVA PARTING AGENT	N.A.	< 100%
2	ETHANOL	64-17-5	< 35%
3	N-BUTYL ALCOHOL	71-36-3	< 5%

### SECTION 4 — FIRST-AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

- **EYES:** IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.
- **SKIN:** WASH AFFECTED AREA IMMEDIATELY WITH LARGE AMOUNTS OF SOAP AND WATER. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. CONTACT A PHYSICIAN IF IRRITATION OCCURS.
- **INHALATION:** REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.
- **INGESTION:** DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

### SECTION 5 — FIRE-FIGHTING MEASURES

FLASH POINT: 55°F (FOR PRODUCT OR LOWEST FLASH POINT INGREDIENT)

FLAMMABILITY CLASSIFICATION: COMBUSTIBLE CLASS (IB)

EXTINGUISHING MEDIA: WATER FOG, DRY CHEMICAL, CARBON DIOXIDE, OR FOAM.

**NOTE:** EITHER ATMOSPHERE-SUPPLY OR AIR-PURIFYING RESPIRATORS SHOULD BE AVAILABLE FOR FIRE FIGHTERS (20 CFR 1910.134).

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

- **IF MATERIAL IS SPILLED:** AVOID CONTACT WITH MATERIAL. PERSONS NOT WEARING PROPER PROTECTIVE EQUIPMENT (SEE BELOW) SHOULD BE EXCLUDED FROM THE AREA UNTIL CLEAN UP IS COMPLETE. DIKE AREA TO PREVENT SPILL SPREADING AND SCOOP UP EXCESS TO RECOVERY CONTAINERS. ABSORB REMNANT ON NONCOMBUSTIBLE MATERIAL SUCH AS CLAY AND SHOVEL INTO CONTAINERS FOR DISPOSAL.
- **WASTE DISPOSAL METHOD:** DISPOSE OF ANY WASTE(S) GENERATED ABOVE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

## SECTION 7 — HANDLING AND STORAGE

- AVOID SKIN AND EYE CONTACT.
- AVOID BREATHING VAPOR, MIST OR FUMES.
- ENSURE THAT ALL CONTAINERS ARE PROPERLY LABELED TO PREVENT ACCIDENTAL INGESTION OR IMPROPER DISPOSAL.
- RESEAL PARTLY USED CONTAINERS.
- WASH WITH SOAP AND WATER BEFORE EATING, DRINKING OR USING TOILET FACILITIES.
- STORE UNDER COOL, DRY CONDITIONS AND AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.
- OBSERVE CONDITIONS OF GOOD INDUSTRIAL HYGIENE AND SAFE WORKING PRACTICE.

## SECTION 8 — EXPOSURE CONTROLS/ PERSONAL PROTECTION

- **RESPIRATORY PROTECTION:** NOT NORMALLY NECESSARY UNLESS THE MATERIAL IS BEING USED IN SUCH A WAY AS TO PRODUCE DUST, MIST, VAPOR, FUMES, OR SMOKE, IN WHICH CASE NIOSH APPROVED RESPIRATORY PROTECTION SHOULD BE USED.
- **VENTILATION:** SHOULD BE SUFFICIENT TO CONTROL ANY DUST, MIST, VAPOR OR FUMES PRODUCED BY PROCESSING OR HANDLING METHOD. BREATHING OF VAPOR MUST BE AVOIDED.
- **HAND PROTECTION:** IMPERVIOUS GLOVES, NEOPRENE OR NILRILE RUBBER GLOVES.
- **EYE PROTECTION:** SPLASH PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.
- **OTHER PROTECTIVE EQUIPMENT:** CLEAN, BODY COVERING CLOTHING AND FOOTWEAR.

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE.....: LIQUID
- ODOR .....: BLAND
- COLOR .....: GREEN
- pH .....: NEUTRAL
- SP. GR.....: 0.91
- DENSITY .....: 7.6 lbs. / gal.
- VAPOR PRESSURE.....: 26.7 mm Hg @ 100.0°F

NOTE: OTHER PROPERTIES ARE EITHER NOT AVAILABLE, OR DO NOT APPLY.

## SECTION 10 — STABILITY AND REACTIVITY

- **STABILITY:** STABLE UNDER NORMAL STORAGE CONDITIONS. UNSTABLE AT ELEVATED TEMPERATURES.
- **INCOMPATIBILITY:** STRONG OXIDIZING AGENTS, STRONG LEWIS OR MINERAL ACIDS, AND STRONG MINERAL AND ORGANIC BASES.
- **HAZARDOUS DECOMPOSITION PRODUCTS:** OXIDES OF CARBON, AND OTHER UNKNOWN ORGANIC COMPOUNDS.

## SECTION 11 — TOXICOLOGICAL INFORMATION

### EFFECTS OF OVEREXPOSURE:

#### ACUTE:

- **EYES:** LIQUID, VAPORS AND MIST ARE IRRITATING AND CAN CAUSE A STINGING SENSATION, TEARING, REDDENING AND SWELLING OF THE EYES.
- **SKIN:** MODERATELY IRRITATING, & MAY CAUSE SKIN DEFATTING OR SENSITIZATION.
- **INHALATION:** CAN CAUSE NASEL AND RESPIRATORY IRRITATION, CNS EFFECTS INCLUDING FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS, AND EVEN DEATH.
- **INGESTION:** CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE FATAL CHEMICAL PNEUMONITIS.

#### CHRONIC:

- EXPOSURE MAY DAMAGE PERIPHERAL NERVE TISSUE & RESULT IN PERIPHERAL NEUROPATHY. MAY CAUSE KIDNEY DAMAGE OR CNS EFFECTS. PREEXISTING DISORDERS MAY ALSO BE AGGRAVATED BY EXPOSURE.

## SECTION 12 — ECOLOGICAL INFORMATION

### ECOTOXICITY EFFECTS:

- **AQUATIC TOXICITY:** NO DATA IS AVAILABLE ON THE PRODUCT ITSELF.
- **TOXICITY TO OTHER ORGANISMS:** NO DATA AVAILABLE.

### PERSISTANCE AND DEGRADABILITY:

- **MOBILITY:** NO DATA IS AVAILABLE ON THE PRODUCT ITSELF.
- **BIOACCUMULATION:** NO DATA IS AVAILABLE ON THE PRODUCT ITSELF.

## SECTION 13 — DISPOSAL CONSIDERATIONS

- **WASTE DISPOSAL METHOD:** DISPOSE OF WASTE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
- **CONTAINER DISPOSAL:** SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, ALL LABELED HAZARD PRECAUTIONS MUST BE OBSERVED. CONSULT WITH FEDERAL, STATE, AND LOCAL AUTHORITIES FOR DEFINITIONS OF "EMPTY" AND PROPER DISPOSAL PRACTICES.

## SECTION 14 — TRANSPORT INFORMATION

### • U.S. Department of Transportation Ground (49 CFR)

UN NUMBER.....: UN1987  
PROPER SHIPPING NAME.....: ALCOHOLS, N.O.S.  
CONTAINS.....: ETHYL ALCOHOL\*  
HAZARD CLASS.....: 3  
PACKAGING GROUP.....: III

### • International Air Transportation (ICAO/IATA)

UN NUMBER.....: UN1987  
PROPER SHIPPING NAME.....: ALCOHOLS, N.O.S.  
CONTAINS.....: ETHYL ALCOHOL\*  
HAZARD CLASS.....: 3  
PACKAGING GROUP.....: III

### • Water Transportation (IMO/IMDG)

UN NUMBER.....: UN1987  
PROPER SHIPPING NAME.....: ALCOHOLS, N.O.S.  
CONTAINS.....: ETHYL ALCOHOL\*  
HAZARD CLASS.....: 3  
PACKAGING GROUP.....: III  
MARINE POLLUTANT.....: NO

## SECTION 15 — REGULATORY INFORMATION

### A. CAL SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986

NO.	CHEMICAL NAME	CAS. NO.	CANCER/REPRO.TOX	QUANTITY
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THIS PRODUCT MAY CONTAIN TRACES OF PROP. 65 LISTED CHEMICALS AS IMPURITIES. HOWEVER, ANY USED AS INGREDIENTS ARE LISTED ABOVE.

### B. CERCLA — §40 CFR 302.4

RELEASES EXCEEDING THE REPORTABLE QUANTITY (RQ) MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER. (800)424-8802  
RQ FOR THE N-BUTANOL (CAS 71-36-3) INGREDIENT IS 5,000 LBS.  
RQ FOR THIS PRODUCT IS 100,000 LBS. WHEN BASED ON ITS' (CAS 71-36-3) CONTENT.

### C. RCRA — §40 CFR 261.33

PRODUCT IS A HAZARDOUS WASTE. DISPOSE BY INCINERATION.  
THIS PRODUCT IS U031 BASED ON ITS' N-BUTANOL (CAS 71-36-3) CONTENT.

### D. SARA TITLE III — §52 CFR 13378, §52 CFR 21152

NO.	RQ (lbs.) (•1)	TPQ (lbs.) (•2)	SEC.313 (•3)	313 CAT. (•4)	311/312 (•5)
P	NONE	NOT LISTED	NOT LISTED	NONE	H1, H2, P3
2	NONE	NOT LISTED	NOT LISTED	NONE	H1, H2, P3
3	NONE	NOT LISTED	YES	NONE	H1, P3

- 1 = REPORTABLE QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE, SEC. 302
  - 2 = THRESHOLD PLANNING QUANTITY, EXTREMELY HAZARDOUS SUBSTANCE, SEC. 302
  - 3 = TOXIC CHEMICAL, SEC. 313 (INDIVIDUAL CHEMICAL LISTED)
  - 4 = TOXIC RELEASE INVENTORY FORM CATEGORY SEC. 313 (40 CFR 372.65 C)
  - 5 = HAZARD CATEGORY FOR SARA SEC. 311/312 REPORTING
- H1** = IMMEDIATE (ACUTE) HEALTH HAZARD **H2** = DELAYED (CHRONIC) HEALTH HAZARD  
**P3** = FIRE HAZARD **P4** = SUDDEN PRESSURE RELEASE HAZARD **P5** = REACTIVE HAZ.

### E. VOC — SCAQMD RULES

NO.	CHEMICAL	QUANTITY	VP mm Hg	gms./l. @ 20°C
P	ALCOHOLS	< 40%	26.67 @ 100°F	< 347

### F. INTERNATIONAL CHEMICAL INVENTORY STATUS:

EINECS-EU	Listed, Exempted, Polymer substance, or as no longer polymer.
AICS-AUSTRALIA	All components are listed or exempted.
ENCS-JAPAN	All components are listed or exempted.
ISHL-JAPAN	All components are listed or exempted.
KECI/ECL-KOREA	All components are listed or exempted.
IECSC/SEPA-CHINA	All components are listed or exempted.
PICCS-PHILIPPINES	All components are listed or exempted.
DSL-CANADA	All components are listed or exempted.
TSCA-USA	All components are listed or exempted.

### G. WHMIS (CANADA):

- WHMIS: D2B Materials Causing Other Toxic Effects –Toxic Material
- WHMIS: B2 Flammable Liquids – Flashpoint of < 37.8°C (100°F)

## SECTION 16 — OTHER INFORMATION

### HMIS III CODES:

HEALTH.....= **2**

FLAMMABILITY.....= **3**

REACTIVITY.....= **0**

### RATINGS:

0 = MINIMAL 3 = SERIOUS

1 = SLIGHT 4 = SEVERE

2 = MODERATE

⇒ PERSONAL PROTECTION RATING TO BE SUPPLIED BY USER DEPENDING ON CONDITIONS OF USE.

### Hazard Classifications:

**H225:** Highly flammable liquid and vapour. (Flam. Liq. 2)

**H315:** Causes skin irritation. (Skin Irrit. 2)

**H303:** May be harmful if swallowed. (Acute Tox. 5 Oral)

**H320:** Causes eye irritation. (Eye Irrit. 2B)

**H335:** May cause respiratory irritation. (STOT SE3)

**H373:** May cause damage to organs through prolonged or repeated exposure. (STOT RE2)

DATE OF PREPARATION: 5/4/2015 SUPERSEDES: 5/12/2014

We believe that the information contained herein is correct as of the date of this Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of this product are not within the control of PTM & W, it is the user's obligation to determine the conditions of safe use of the product.

PTM & W makes no warranty, expressed or implied regarding the accuracy of these data. PTM & W assumes no responsibility for injury from the use of the product described herein. Further, there are many international, federal, state, and local laws and regulations governing chemical products and as it is beyond the scope of this SDS to determine which of these apply, it is the responsibility of the user to determine how these affect their use of the product.

PTM&W assumes no obligation or liability for the information given, or results obtained, all such being given and accepted at users' risk.

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— END OF SDS —

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