



# BCS FLUIDS, LLC

## SAFETY DATA SHEET

### 1. IDENTIFICATION

PRODUCT IDENTIFIER	SAPP
RECOMMENDED USE	NOT AVAILABLE
RECOMMENDED RESTRICTIONS	NOT AVAILABLE
MANUFACTURER/IMPORTER/SUPPLIER/DISTRIBUTOR INFORMATION	

COMPANY NAME	BCS Fluids, LLC
COMPANY ADDRESS	P.O. Box 1120 MANDÉVILLE, LA 70471
TELEPHONE	985-893-6600
EMERGENCY PHONE	855-BCS-Fluids
WEBSITE	<a href="http://www.BCSFluids.com">www.BCSFluids.com</a>

### 2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS DANGEROUS GOODS BY THE CRITERIA OF THE AUSTRALIAN DANGEROUS GOODS CODE (ADG CODE) FOR TRANSPORT BY ROAD AND RAIL; NON-DANGEROUS GOODS.

THIS MATERIAL IS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA;  
HAZARDOUS SUBSTANCE.

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:  
EYE IRRITATION - CATEGORY 2A

SIGNAL WORD: WARNING



HAZARD STATEMENT(S):  
H319 CAUSES SERIOUS EYE IRRITATION.

PRECAUTIONARY STATEMENT(S):

PREVENTION:  
P264 WASH HANDS THOROUGHLY AFTER HANDLING.  
P280 WEAR PROTECTIVE GLOVES / PROTECTIVE CLOTHING / EYE PROTECTION / FACE PROTECTION.

RESPONSE:  
P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR

SEVERAL MINUTES. REMOVE CONTACT LENSES, if PRESENT AND EASY TO do. CONTINUE RINSING.

**P337+P313** If EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

**STORAGE:**

**NO STORAGE STATEMENTS.**

**Disposal:**

**P501** DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

**Poisons Schedule (SUSMP):** NONE ALLOCATED.

### 3. Composition/info on INGREDIENTS

COMPONENTS	CAS NUMBER	PROPORTION	HAZARD CODES
Sodium acid pyrophosphate	7758-16-9	100%	H319

### 4. FIRST AID MEASURES

FOR ADVICE, CONTACT A POISONS INFORMATION CENTRE (E.G. PHONE AUSTRALIA 131 126; NEW ZEALAND 0800 764 766) OR A DOCTOR.

**INHALATION:**

REMOVE VICTIM FROM AREA OF EXPOSURE - AVOID BECOMING A CASUALTY. REMOVE CONTAMINATED CLOTHING AND LOOSEN REMAINING CLOTHING. ALLOW PATIENT TO ASSUME MOST COMFORTABLE POSITION AND KEEP WARM. KEEP AT REST UNTIL FULLY RECOVERED. SEEK MEDICAL ADVICE IF EFFECTS PERSIST.

**SKIN CONTACT:**

IF SKIN OR HAIR CONTACT OCCURS, REMOVE CONTAMINATED CLOTHING AND WASH SKIN AND HAIR WITH SOAP AND WATER. IF IRRITATION OCCURS SEEK MEDICAL ADVICE.

**EYE CONTACT:**

IF IN EYES, HOLD EYELIDS APART AND FLUSH THE EYE CONTINUOUSLY WITH RUNNING WATER. CONTINUE FLUSHING UNTIL ADVISED TO STOP BY A POISONS INFORMATION CENTRE OR A DOCTOR, OR FOR AT LEAST 15 MINUTES.

**INGESTION:**

RINSE MOUTH WITH WATER. IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE A GLASS OF WATER. SEEK MEDICAL ADVICE.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**

TREAT SYMPTOMATICALLY.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**

NOT COMBUSTIBLE, HOWEVER, IF MATERIAL IS INVOLVED IN A FIRE USE: FINE WATER SPRAY, NORMAL FOAM, DRY AGENT (CARBON DIOXIDE, DRY CHEMICAL POWDER).

**Specific hazards arising from the substance or mixture:**

NON-COMBUSTIBLE MATERIAL. DECOMPOSES ON HEATING EMITTING TOXIC FUMES INCLUDING THOSE OF OXIDES OF PHOSPHORUS.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:**

**FIRE FIGHTERS TO WEAR SELF-CONTAINED BREATHING APPARATUS AND SUITABLE PROTECTIVE CLOTHING IF RISK OF EXPOSURE TO PRODUCTS OF DECOMPOSITION.**

## **6. ACCIDENTAL RELEASE MEASURES**

**EMERGENCY PROCEDURES/ENVIRONMENTAL PRECAUTIONS:**

**CLEAR AREA OF ALL UNPROTECTED PERSONNEL. IF CONTAMINATION OF SEWERS OR WATERWAYS HAS OCCURRED ADVISE LOCAL EMERGENCY SERVICES.**

**PERSONAL PRECAUTIONS/PROTECTIVE EQUIPMENT/METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:**

**SLIPPERY WHEN SPILT. AVOID ACCIDENTS, CLEAN UP IMMEDIATELY. WEAR PROTECTIVE EQUIPMENT TO PREVENT SKIN AND EYE CONTACT AND BREATHING IN DUST. WORK UP WIND OR INCREASE VENTILATION. COVER WITH DAMP ABSORBENT (INERT MATERIAL, SAND OR SOIL). SWEEP OR VACUUM UP, BUT AVOID GENERATING DUST. COLLECT AND SEAL IN PROPERLY LABELLED CONTAINERS OR DRUMS FOR DISPOSAL.**

## **7. HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING:**

**AVOID SKIN AND EYE CONTACT AND BREATHING IN DUST. AVOID HANDLING WHICH LEADS TO DUST FORMATION.**

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**

**STORE IN A COOL, DRY, WELL VENTILATED PLACE AND OUT OF DIRECT SUNLIGHT. PROTECT FROM MOISTURE. STORE AWAY FROM INCOMPATIBLE MATERIALS DESCRIBED IN SECTION 10. KEEP CONTAINERS CLOSED WHEN NOT IN USE - CHECK REGULARLY FOR SPILLS.**

## **8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**CONTROL PARAMETERS: NO VALUE ASSIGNED FOR THIS SPECIFIC MATERIAL BY SAFE WORK AUSTRALIA. HOWEVER, WORKPLACE EXPOSURE STANDARD(S) FOR PARTICULATES:**

**DUSTS NOT OTHERWISE CLASSIFIED: 8HR TWA = 10  $\mu\text{g}/\text{m}^3$**

**AS PUBLISHED BY SAFE WORK AUSTRALIA WORKPLACE EXPOSURE STANDARDS FOR AIRBORNE CONTAMINANTS.**

**TWA - THE TIME-WEIGHTED AVERAGE AIRBORNE CONCENTRATION OF A PARTICULAR SUBSTANCE WHEN CALCULATED OVER AN EIGHT-HOUR WORKING DAY, FOR A FIVE-DAY WORKING WEEK.**

**THESE WORKPLACE EXPOSURE STANDARDS ARE GUIDES TO BE USED IN THE CONTROL OF OCCUPATIONAL HEALTH HAZARDS. ALL ATMOSPHERIC CONTAMINATION SHOULD BE KEPT TO AS LOW A LEVEL AS IS WORKABLE. THESE WORKPLACE EXPOSURE STANDARDS SHOULD NOT BE USED AS FINE DIVIDING LINES BETWEEN SAFE AND DANGEROUS CONCENTRATIONS OF CHEMICALS. THEY ARE NOT A MEASURE OF RELATIVE TOXICITY.**

**APPROPRIATE ENGINEERING CONTROLS:**

**ENSURE VENTILATION IS ADEQUATE TO MAINTAIN AIR CONCENTRATIONS BELOW WORKPLACE EXPOSURE STANDARDS. AVOID GENERATING AND BREATHING IN DUSTS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.**

**IF IN THE HANDLING AND APPLICATION OF THIS MATERIAL, SAFE EXPOSURE LEVELS COULD BE EXCEEDED, THE USE OF ENGINEERING CONTROLS SUCH AS LOCAL EXHAUST VENTILATION MUST BE CONSIDERED AND THE RESULTS DOCUMENTED. IF ACHIEVING SAFE EXPOSURE LEVELS DOES NOT REQUIRE ENGINEERING CONTROLS, THEN A DETAILED AND DOCUMENTED RISK ASSESSMENT USING THE RELEVANT PERSONAL PROTECTIVE EQUIPMENT (PPE) (REFER TO PPE SECTION BELOW) AS A BASIS MUST BE CARRIED OUT TO DETERMINE THE MINIMUM PPE REQUIREMENTS.**

**INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT (PPE):**

**THE SELECTION OF PPE IS DEPENDENT ON A DETAILED RISK ASSESSMENT. THE RISK ASSESSMENT SHOULD CONSIDER THE WORK SITUATION, THE PHYSICAL FORM OF THE CHEMICAL, THE HANDLING METHODS, AND ENVIRONMENTAL FACTORS.**

**OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, DUST MASK.**



**WEAR OVERALLS, CHEMICAL GOGGLES AND IMPERVIOUS GLOVES. AVOID GENERATING AND INHALING DUSTS. IF DETERMINED BY A RISK ASSESSMENT AN INHALATION RISK EXISTS, WEAR A DUST MASK/RESPIRATOR MEETING THE REQUIREMENTS OF AS/NZS 1715 AND AS/NZS 1716. ALWAYS WASH HANDS BEFORE SMOKING, EATING, DRINKING OR USING THE TOILET. WASH CONTAMINATED CLOTHING AND OTHER PROTECTIVE EQUIPMENT BEFORE STORAGE OR RE-USE.**

## **9. Physical and Chemical Properties**

<b>Physical State:</b>	<b>Crystalline or Powder</b>
<b>Colour:</b>	<b>White</b>
<b>Odour:</b>	<b>Odourless</b>
<b>Odour Threshold:</b>	<b>Not Available</b>
<b>Solubility:</b>	<b>Soluble in Water.</b>
<b>Specific Gravity:</b>	<b>0.61</b>
<b>Relative Vapour Density (air=1):</b>	<b>Not Available</b>
<b>Vapour Pressure (20 °C):</b>	<b>Not Available</b>
<b>Flash Point (°C):</b>	<b>Not Applicable</b>
<b>Flammability Limits (%):</b>	<b>Not Available</b>
<b>Autoignition Temperature (°C):</b>	<b>Not Available</b>
<b>Melting Point/Range (°C):</b>	<b>&gt;900</b>
<b>Boiling Point/Range (°C):</b>	<b>Not Available</b>
<b>Decomposition Point (°C):</b>	<b>220</b>
<b>pH:</b>	<b>3.8-4.5 (at 1 wt/wt%)</b>
<b>Viscosity:</b>	<b>Not Available</b>
<b>Partition Coefficient:</b>	<b>Not Available</b>

## **10. Stability and Reactivity**

**Reactivity:** No information available.

**Chemical stability:** This material is chemically stable.

**Possibility of hazardous reactions:**

**Hazardous polymerisation will not occur.**

**Conditions to avoid:** Avoid exposure to heat. Avoid dust generation.

**Incompatible materials:** Incompatible with strong alkalis and strong oxidising agents.

**Hazardous decomposition products:**

**Oxides of phosphorus.**

## 11. Toxicology Information

**NO ADVERSE HEALTH EFFECTS EXPECTED IF THE PRODUCT IS HANDLED IN ACCORDANCE WITH THIS SAFETY DATA SHEET AND THE PRODUCT LABEL. SYMPTOMS OR EFFECTS THAT MAY ARISE IF THE PRODUCT IS MISHANDLED AND OVEREXPOSURE OCCURS ARE:**

**INGESTION: NO ADVERSE EFFECTS EXPECTED, HOWEVER, LARGE AMOUNTS MAY CAUSE NAUSEA AND VOMITING.**

**EYE CONTACT: AN EYE IRRITANT.**

**SKIN CONTACT: CONTACT WITH SKIN MAY RESULT IN IRRITATION.**

**INHALATION: BREATHING IN DUST MAY RESULT IN RESPIRATORY IRRITATION.**

**ACUTE TOXICITY:**

**ORAL LD50 (MICE): 2,650 mg/kg (1)**

**SKIN CORROSION/IRRITATION: MAY CAUSE MECHANICAL IRRITATION.**

**SERIOUS EYE DAMAGE/IRRITATION: IRRITANT.**

**RESPIRATORY OR SKIN SENSITISATION:**

**NO INFORMATION AVAILABLE.**

**CHRONIC EFFECTS: NO INFORMATION AVAILABLE FOR THE PRODUCT.**

**MUTAGENICITY: NO INFORMATION AVAILABLE.**

**CARCINOGENICITY: NO INFORMATION AVAILABLE.**

**REPRODUCTIVE TOXICITY: NO INFORMATION AVAILABLE.**

**SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE: SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE:**

**NO INFORMATION AVAILABLE. NO INFORMATION AVAILABLE.**

**ASPIRATION HAZARD: NO INFORMATION AVAILABLE.**

## 12. Ecological Information

**ECOTOXICITY: AVOID CONTAMINATING WATERWAYS.**

**PERSISTENCE/DEGRADABILITY: NO INFORMATION AVAILABLE.**

**BIOACCUMULATIVE POTENTIAL: NO INFORMATION AVAILABLE.**

**MOBILITY IN SOIL: NO INFORMATION AVAILABLE.**

## 13. Disposal Considerations

**DISPOSAL METHODS:**

**REFER TO WASTE MANAGEMENT AUTHORITY. DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL**

REGULATIONS.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

NOT CLASSIFIED AS DANGEROUS GOODS BY THE CRITERIA OF THE AUSTRALIAN DANGEROUS GOODS CODE (ADG CODE) FOR TRANSPORT BY ROAD AND RAIL; NON-DANGEROUS GOODS.

### Marine Transport

NOT CLASSIFIED AS DANGEROUS GOODS BY THE CRITERIA OF THE INTERNATIONAL MARITIME DANGEROUS GOODS CODE (IMDG CODE) FOR TRANSPORT BY SEA; NON-DANGEROUS GOODS.

### Air Transport

NOT CLASSIFIED AS DANGEROUS GOODS BY THE CRITERIA OF THE INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA) DANGEROUS GOODS REGULATIONS FOR TRANSPORT BY AIR; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

### Classification:

THIS MATERIAL IS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA; HAZARDOUS SUBSTANCE.

### Classification of the substance or mixture:

Eye Irritation - Category 2A

### Hazard Statement(s):

H319 CAUSES SERIOUS EYE IRRITATION.

Poisons Schedule (SUSMP): NONE ALLOCATED.

THIS MATERIAL IS LISTED ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS)..

## 16. OTHER INFORMATION

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**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.