



## SAFETY DATA SHEET

### **SECTION 1 - IDENTIFICATION**

Product Identifier 3481 – Cell Prep Solution 1

Manufacturer Name GenPrime, Inc.

Address 502 W. Riverside Avenue Spokane, WA. 99203

Phone Number/Emergency 866-624-9855

Recommended Use For use with Nalco products only.

Restrictions on Use Do not use for any other purpose than the recommended use above. Do not ingest.

### **SECTION 2 - HAZARD IDENTIFICATION**

Health Hazards Not a hazardous mixture

Required Label Elements Not a hazardous mixture

### **SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	CAS No	Information
Sodium Chloride (NaCl)	7647-14-5	Not a hazardous substance
Potassium Chloride (KCl)	7447-40-7	Not a hazardous substance
Sodium Phosphate Dibasic (Na <sub>2</sub> HPO <sub>4</sub> )	7558-79-4	Not a hazardous substance
Sodium Phosphate Monobasic (NaH <sub>2</sub> PO <sub>4</sub> )	7558-80-7	Not a hazardous substance
Other	*	Trade secret. Not a hazardous substance

### **SECTION 4 - FIRST-AID MEASURES**

In case of skin contact Wash skin with soap and water. Consult a physician

In case of eye contact Flush eyes with water for at least 15 minutes and consult a physician.

In case of ingestion Rinse mouth with water if conscious. Consult a physician.

### **SECTION 5 - FIRE-FIGHTING MEASURES**

Extinguishing Techniques/Equipment Use carbon dioxide, dry chemical extinguishers or water. An approved self-contained breathing apparatus and protective clothing are recommended for firefighting.



**GenPrime™**  
**SAFETY DATA SHEET**

Chemical Hazards from Fire      No data available

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Containment and Cleanup      Absorb spill with inert absorbent material. Keep in closed container for disposal.  
Do no let product enter drains.

**SECTION 7 - HANDLING AND STORAGE**

Handling      Use PPE (section 8). Avoid contact with skin and eyes. Avoid inhalation of vapour  
or mist.

Storage      Keep tightly closed. Refrigeration is not required. Freezing or excessive heating not  
recommended.

Incompatibilities      No data available

**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

Permissible Exposure Limits (PELs)      Unknown

ACGIH Threshold Limit Values  
(TLVs)      Unknown

Personal Protective Equipment (PPE):

    Eye/Face Protection      Safety glasses with side-shields

    Skin Protection      Handle with gloves

    Body Protection      Impervious clothing to cover areas of exposed skin

    Respiratory Protection      Not required

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance      Clear liquid

Solubility in Water      Miscible

**SECTION 10 - STABILITY AND REACTIVITY**

Stability      Stable under recommended storage conditions.

Reactivity      Unknown

**SECTION 11 - TOXICOLOGICAL INFORMATION**



## SAFETY DATA SHEET

Route of Exposure & Related Symptoms	No data available
Acute or Chronic Effects	No data available
Toxicity	No data available
Carcinogenicity	No component of this product greater than or equal to 0.1% is listed by NTP, IARC, ACGIH or OSHA. The carcinogenic properties of this solution as whole have not been thoroughly investigated.

### **SECTION 12 - ECOLOGICAL INFORMATION**

No data available

### **SECTION 13 - DISPOSAL CONSIDERATIONS**

Collect and dispose if all waste in accordance with applicable laws.

### **SECTION 14 - TRANSPORT INFORMATION**

Not dangerous goods.

### **SECTION 15 - REGULATORY INFORMATION**

Not determined

### **SECTION 16 - OTHER INFORMATION**

This material is not required to appear in the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially harmful chemicals. The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. GenPrime shall not be held liable for any damage resulting from handling or contact with the above product.

Date of Preparation 9/20/18

# Safety Data Sheet

## SDS3482

---

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product name : Act Solution 2

Product Number : 3482

Brand : Nalco

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : For use with Nalco products only. Do not use for anything other than recommended.

#### 1.3 Details of the supplier of the safety data sheet

Company : GenPrime, Inc.  
502 W. Riverside Ave  
Suite 101  
Spokane, WA 99201

Telephone : +1 866-624-9855

Fax : +1 509-462-2847

Website : [www.genprime.com](http://www.genprime.com)

---

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids (Category 2), H225

Eye irritation (Category 2A), H319

Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### 2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H225

Highly flammable liquid and vapour.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

Precautionary statement(s)

P210

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233

Keep container tightly closed.

P240

Ground/bond container and receiving equipment.

P241

Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242

Use only non-sparking tools.

P243

Take precautionary measures against static discharge.

P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/ eye protection/ face protection.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Repeated exposure may cause skin dryness or cracking.

---

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Classification	Concentration
<b>Acetone</b>		
CAS No: 67-64-1	Flam. Liq. 2; Eye Irrit. 2A; STOT SE 3; H225, H319, H336	<= 99 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

Component	Classification	Concentration
<b>Trade Secret</b>		
	Other Ingredient	< 1%

---

## 4. FIRST AID MEASURES

### 4.1 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

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 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

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

---

### 5. FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 Special hazards arising from the substance or mixture

No data available

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### 5.4 Further information

Use water spray to cool unopened containers.

---

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

For personal protection see section 8.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

#### 6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

#### 6.4 Reference to other sections

For disposal see section 13.

---

### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

For precautions see section 2.2.

#### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage class (TRGS 510): Flammable liquids

#### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

---

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Acetone	67-64-1	TWA	500.000000 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Central Nervous System impairment Hematologic effects Upper Respiratory Tract irritation Eye irritation		

		Adopted values or notations enclosed are those for which changes are proposed in the NIC See Notice of Intended Changes (NIC) Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen		
		TWA	250 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment Upper Respiratory Tract irritation Eye irritation 2015 Adoption Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen		
		STEL	750.000000 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment Hematologic effects Upper Respiratory Tract irritation Eye irritation Adopted values or notations enclosed are those for which changes are proposed in the NIC See Notice of Intended Changes (NIC) Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen		
		STEL	500 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment Upper Respiratory Tract irritation Eye irritation 2015 Adoption Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen		
		TWA	1,000.000000 ppm 2,400.000000 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		The value in mg/m3 is approximate.		
		TWA	250.000000 ppm 590.000000 mg/m3	USA. NIOSH Recommended Exposure Limits
		STEL	750 ppm 1,780 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
		C	3,000 ppm	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
		PEL	500 ppm 1,200 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

**Biological occupational exposure limits**

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
Acetone	67-64-1	Acetone	50.0000	Urine	ACGIH - Biological

			mg/l		Exposure Indices (BEI)
	Remarks	End of shift (As soon as possible after exposure ceases)			
		Acetone	25 mg/l	Urine	ACGIH - Biological Exposure Indices (BEI)
		End of shift (As soon as possible after exposure ceases)			

#### Derived No Effect Level (DNEL)

Application Area	Exposure routes	Health effect	Value
Workers	Skin contact	Long-term systemic effects	186mg/kg BW/d
Consumers	Ingestion	Long-term systemic effects	62mg/kg BW/d
Consumers	Skin contact	Long-term systemic effects	62mg/kg BW/d
Workers	Inhalation	Acute systemic effects	2420 mg/m3
Workers	Inhalation	Long-term systemic effects	1210 mg/m3
Consumers	Inhalation	Long-term systemic effects	200 mg/m3

#### Predicted No Effect Concentration (PNEC)

Compartment	Value
Soil	33.3 mg/kg
Marine water	1.06 mg/l
Fresh water	10.6 mg/l
Marine sediment	3.04 mg/kg
Fresh water sediment	30.4 mg/kg
Onsite sewage treatment plant	100 mg/l

## 8.2 Exposure controls

### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Personal protective equipment

#### Eye/face protection

Face shield and safety glasses Use equipment for 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: butyl-rubber

Minimum layer thickness: 0.3 mm

Break through time: 480 min

Material tested: Butoject® (KCL 897 / Aldrich Z677647, Size M)

#### Splash contact

Material: butyl-rubber

Minimum layer thickness: 0.3 mm

Break through time: 480 min

Material tested: Butoject® (KCL 897 / Aldrich Z677647, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

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

Impervious clothing, Flame retardant antistatic protective clothing., 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 respirator with multi-purpose combination (US) or type AXBEK (EN 14387) 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.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

- |   |   |
|---|---|
| a) Appearance                                   | Form: liquid, clear<br>Colour: colourless   |
| b) Odour  | No data available   |
| c) Odour Threshold                              | No data available   |
| d) pH   | No data available   |
| e) Melting point/freezing point                 | Melting point/range: -94 °C (-137 °F)   |
| f) Initial boiling point and boiling range      | 56 °C (133 °F) at 1,013 hPa (760 mmHg)  |
| g) Flash point                                  | -17.0 °C (1.4 °F) - closed cup  |
| h) Evaporation rate                             | No data available   |
| i) Flammability (solid, gas)                    | No data available   |
| j) Upper/lower flammability or explosive limits | Upper explosion limit: 13 %(V)<br>Lower explosion limit: 2 %(V)                             |
| k) Vapour pressure                              | 533.3 hPa (400.0 mmHg) at 39.5 °C (103.1 °F)<br>245.3 hPa (184.0 mmHg) at 20.0 °C (68.0 °F) |
| l) Vapour density                               | No data available   |
| m) Relative density                             | 0.791 g/mL at 25 °C (77 °F)   |
| n) Water solubility                             | completely miscible   |
| o) Partition coefficient: n-octanol/water       | log Pow: -0.24  |
| p) Auto-ignition temperature                    | 465.0 °C (869.0 °F)   |
| q) Decomposition temperature                    | No data available   |
| r) Viscosity                                    | No data available   |
| s) Explosive properties                         | No data available   |
| t) Oxidizing properties                         | No data available   |

### 9.2 Other safety information

- |                 |                                |
|-----------------|--------------------------------|
| Surface tension | 23.2 mN/m at 20.0 °C (68.0 °F) |
|-----------------|--------------------------------|

---

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Vapours may form explosive mixture with air.

### 10.4 Conditions to avoid

Heat, flames and sparks.

### 10.5 Incompatible materials

Bases, Oxidizing agents, Reducing agents, Acetone reacts violently with phosphorous oxychloride.

### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5

---

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

LD50 Oral - Rat - 5,800 mg/kg

Remarks: Behavioral:Altered sleep time (including change in righting reflex). Behavioral:Tremor. Behavioral:Headache. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

LC50 Inhalation - Rat - 8 h - 50,100 mg/m3

Remarks: Drowsiness Dizziness Unconsciousness

LD50 Dermal - Guinea pig - 7,426 mg/kg

No data available

#### Skin corrosion/irritation

Skin - Rabbit

Result: Mild skin irritation - 24 h

#### Serious eye damage/eye irritation

Eyes - Rabbit

Result: Eye irritation - 24 h

#### Respiratory or skin sensitisation

- Guinea pig

Result: Does not cause skin sensitisation.

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

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 carcinogen by NTP.

OSHA: 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

No data available

**Specific target organ toxicity - single exposure**

May cause drowsiness or dizziness.

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional Information**

RTECS: AL3150000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Kidney - Irregularities - Based on Human Evidence

Skin - Dermatitis - Based on Human Evidence

Kidney - Irregularities - Based on Human Evidence

Skin - Dermatitis - Based on Human Evidence

---

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 5,540 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates LC50 - Daphnia magna (Water flea) - 8,800 mg/l - 48 h

Toxicity to algae Remarks: No data available

**12.2 Persistence and degradability**

Biodegradability Result: 91 % - Readily biodegradable (OECD Test Guideline 301B)

**12.3 Bioaccumulative potential**

Does not bioaccumulate.

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects**

No data available

---

**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****Product**

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product.

---

**14. TRANSPORT INFORMATION****DOT (US)**

UN number: 1090 Class: 3

Packing group: II

Proper shipping name: Acetone

Reportable Quantity (RQ): 100 lbs

Poison Inhalation Hazard: No

**IMDG**

UN number: 1090      Class: 3      Packing group: II      EMS-No: F-E, S-D  
Proper shipping name: ACETONE

**IATA**

UN number: 1090      Class: 3      Packing group: II  
Proper shipping name: Acetone

---

**15. REGULATORY INFORMATION**

**SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**Massachusetts Right To Know Components**

Acetone	CAS-No. 67-64-1	Revision Date 2007-03-01
---------	--------------------	-----------------------------

**Pennsylvania Right To Know Components**

Acetone	CAS-No. 67-64-1	Revision Date 2007-03-01
---------	--------------------	-----------------------------

**New Jersey Right To Know Components**

Acetone	CAS-No. 67-64-1	Revision Date 2007-03-01
---------	--------------------	-----------------------------

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

---

**16. OTHER INFORMATION**

**Full text of H-Statements referred to under sections 2 and 3.**

Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquids
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
STOT SE	Specific target organ toxicity - single exposure

**HMIS Rating**

Health hazard:	2
Chronic Health Hazard:	*
Flammability:	3
Physical Hazard	0

**NFPA Rating**

Health hazard:	2
Fire Hazard:	3
Reactivity Hazard:	0

**Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. GenPrime Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

This material is not required to appear in the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially harmful chemicals. The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. GenPrime shall not be held liable for any damage resulting from handling or contact with the above product.

Date of Preparation 9/20/18



## SAFETY DATA SHEET

### **SECTION 1 - IDENTIFICATION**

Product Identifier 3483 - Solution C

Manufacturer Name GenPrime, Inc.

Address 502 W. Riverside Avenue Spokane, WA. 99203

Phone Number/Emergency 866-624-9855

Recommended Use For use with Nalco products only.

Restrictions on Use Do not use for any other purpose than the recommended use above. Do not ingest.

### **SECTION 2 - HAZARD IDENTIFICATION**

Health Hazards Not a hazardous mixture

Required Label Elements Not a hazardous mixture

### **SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	CAS No	Weight %	Information
Sodium Chloride (NaCl)	7647-14-5	74%	Not a hazardous substance
Potassium Chloride (KCl)	7447-40-7	1.8%	Not a hazardous substance
Sodium Phosphate Dibasic (Na <sub>2</sub> HPO <sub>4</sub> )	7558-79-4	13%	Not a hazardous substance
Sodium Phosphate Monobasic (NaH <sub>2</sub> PO <sub>4</sub> )	7558-80-7	1.8%	Not a hazardous substance
Other	*	*	Trade secret. Not a hazardous substance

### **SECTION 4 - FIRST-AID MEASURES**

In case of skin contact Wash skin with soap and water. Consult a physician

In case of eye contact Flush eyes with water for at least 15 minutes and consult a physician.

In case of ingestion Rinse mouth with water if conscious. Consult a physician.

### **SECTION 5 - FIRE-FIGHTING MEASURES**

Extinguishing Techniques/Equipment Use carbon dioxide, dry chemical extinguishers or water. An approved self-contained breathing apparatus and protective clothing are recommended for firefighting.



**GenPrime™**  
**SAFETY DATA SHEET**

Chemical Hazards from Fire      No data available

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Containment and Cleanup      Absorb spill with inert absorbent material. Keep in closed container for disposal.  
Do no let product enter drains.

**SECTION 7 - HANDLING AND STORAGE**

Handling      Use PPE (section 8). Avoid contact with skin and eyes. Avoid inhalation of vapour  
or mist.

Storage      Keep tightly closed. Refrigeration is not required. Freezing or excessive heating not  
recommended.

Incompatibilities      No data available

**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

Permissible Exposure Limits (PELs)      Unknown

ACGIH Threshold Limit Values  
(TLVs)      Unknown

Personal Protective Equipment (PPE):

    Eye/Face Protection      Safety glasses with side-shields

    Skin Protection      Handle with gloves

    Body Protection      Impervious clothing to cover areas of exposed skin

    Respiratory Protection      Not required

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance      Clear liquid

Solubility in Water      Miscible

**SECTION 10 - STABILITY AND REACTIVITY**

Stability      Stable under recommended storage conditions.

Reactivity      Unknown

**SECTION 11 - TOXICOLOGICAL INFORMATION**



## SAFETY DATA SHEET

Route of Exposure & Related Symptoms	No data available
Acute or Chronic Effects	No data available
Toxicity	No data available
Carcinogenicity	No component of this product greater than or equal to 0.1% is listed by NTP, IARC, ACGIH or OSHA. The carcinogenic properties of this solution as whole have not been thoroughly investigated.

### **SECTION 12 - ECOLOGICAL INFORMATION**

No data available

### **SECTION 13 - DISPOSAL CONSIDERATIONS**

Collect and dispose if all waste in accordance with applicable laws.

### **SECTION 14 - TRANSPORT INFORMATION**

Not dangerous goods.

### **SECTION 15 - REGULATORY INFORMATION**

Not determined

### **SECTION 16 - OTHER INFORMATION**

This material is not required to appear in the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially harmful chemicals. The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. GenPrime shall not be held liable for any damage resulting from handling or contact with the above product.

Date of Preparation 9/20/18