



# MATERIAL SAFETY DATA SHEET

Print date: 11-Apr-2012

Revision Number: 2

Revision date: 11-Apr-2012

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product Name:** PS-100  
**Article Code:** 050052  
**Synonyms:** No information available  
**Chemical characterisation:** No data is available on the product itself.

**Supplier:**  
Summit Industrial Products  
9010 County Road 2120  
Tyler, Texas 75707  
Phone: (903) 534-8021  
Fax: (903) 581-4376

**Emergency telephone number** CHEMTREC: 1-800-424-9300, International: (703) 527-3887

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m <sup>3</sup> ):	OSHA (TWA mg/m <sup>3</sup> ):
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester	68515-49-1	5 (oil mist)	5 (oil mist)

**Note for Non-Hazardous Components** Components not precisely identified above are non-hazardous as defined by applicable laws.

## 3. HAZARDS IDENTIFICATION

**Properties affecting health:** None.  
**Principle routes of exposure:** Skin.  
**Skin contact:** May cause sensitization by skin contact. Contact causes skin irritation.  
**Eye contact:** May cause slight irritation.  
**Inhalation:** None.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

## 4. FIRST AID MEASURES

**General advice:** In case of feeling unwell:.. Consult a physician.  
**Skin contact:** Wash off immediately with soap and plenty of water.

**Eye contact:** Flush eye with water for 15 minutes. If symptoms persist, call a physician.

**Inhalation:** In the case of inhalation of aerosol/mist consult a physician if necessary. Move to fresh air.

**Ingestion:** Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. Consult a physician if necessary.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Carbon dioxide (CO<sub>2</sub>), Dry chemical, Water spray mist or foam

**Extinguishing media which must not be used for safety reasons:**

No information available.

**Special protective equipment for firefighters:**

In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.

**Specific hazards:**

Keep product and empty container away from heat and sources of ignition

**Unusual hazards:**

No hazards resulting from the material as supplied

**Specific methods:**

Water mist may be used to cool closed containers.

**Flash point:**

> 400 (°F)

**Autoignition temperature:**

No information available

**Flammability Limits in Air:**

**Lower**

No information available

**Upper**

No information available

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Contaminated surfaces will be extremely slippery. Use personal protective equipment. Remove all sources of ignition.

**Environmental precautions:**

Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up:**

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## 7. HANDLING AND STORAGE

**Handling**

**Technical measures/precautions:**

**Safe handling advice:**

No special technical protective measures required.

Spilling onto the container's outside will make container slippery. Avoid contact with skin and eyes. Always replace cap after use.

**Storage**

**Technical measures/storage conditions:**

**Incompatible products:**

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

No special restrictions on storage with other products.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

**Respiratory protection:**

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Hand protection:** Nitrile rubber.  
**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect..  
**Eye protection:** Safety glasses  
**Hygiene measures:** Avoid contact with skin, eyes and clothing..



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid
<b>Color:</b>	Clear	<b>Odor:</b>	Mild Hydrocarbon-like
<b>Specific gravity:</b>	<1.0	<b>Boiling point/range</b>	No information available
<b>Evaporation rate:</b>	Not determined	<b>Vapor density:</b>	Not determined
<b>Vapor pressure:</b>	< 1 mmHg @20 °C	<b>Solubility:</b>	Insoluble.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.  
**Polymerization:** None under normal processing.  
**Hazardous decomposition products:** Thermal decomposition can lead to release of irritating gases and vapours.  
**Materials to avoid:** Oxidising agents (strong).  
**Conditions to avoid:** Stable at normal conditions.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** No data available

## 12. ECOLOGICAL INFORMATION

**Mobility:** No information available.

**Bioaccumulative potential:** Not determined.

**Ecotoxicity effects:** No data available.

**Aquatic toxicity:** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** In accordance with local and national regulations.

**Contaminated packaging:** Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

**DOT**  
**Proper shipping name:** Not Applicable

**TDG (Canada)**  
**Proper shipping name:** Not Applicable

## 14. TRANSPORT INFORMATION

### IMO / IMDG

**Proper shipping name:** Not Applicable

### ICAO

**Proper shipping name:** Not Applicable

### IATA

**Proper shipping name:** Not Applicable

## 15. REGULATORY INFORMATION

### International Inventories

**PICCS:** This product does not comply with phil:

**TSCA:** Listed in TSCA

**DSL:** All of the components in this product are listed in DSL

**ENCS:** This product does not comply with JPENCS

**CHINA:** This product complies with china:

**AICS:** All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

**KECL:** This product complies with korea:

**EINECS/ELINCS** This product complies with EINECS/ELINCS

### U.S. Regulations:

*1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester*

**California Proposition 65** - Listed.

**NJRTK:** Substance no. 3005 Listed.

**PARTK:** Listed.

**ILRTK:** Listed.

**CTRTK:** Listed.

**Sara (311, 312) hazard class:**

### Canada

**WHMIS hazard class:**

Non-controlled

## 16. OTHER INFORMATION

**NFPA**      **Health:**    1                      **Flammability:**    1                      **Instability:**        0

**HMIG**      **Health:**    1                      **Flammability:**    1                      **Reactivity:**        0

**NFPA symbol:**



**Reason for revision:**

Not applicable

**Prepared by:**

Health & Safety

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.



# MATERIAL SAFETY DATA SHEET

Print date: 11-Apr-2012

Revision Number: 1

Revision date: 11-Apr-2012

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product Name:** PS-150  
**Article Code:** 050053  
**Synonyms:** No information available  
**Chemical characterisation:** No data is available on the product itself.

**Supplier:**  
Summit Industrial Products  
9010 County Road 2120  
Tyler, Texas 75707  
Phone: (903) 534-8021  
Fax: (903) 581-4376

**Emergency telephone number** CHEMTREC: 1-800-424-9300, International: (703) 527-3887

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m <sup>3</sup> ):	OSHA (TWA mg/m <sup>3</sup> ):
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester	68515-49-1	5 (oil mist)	5 (oil mist)

**Note for Non-Hazardous Components** Components not precisely identified above are non-hazardous as defined by applicable laws.

## 3. HAZARDS IDENTIFICATION

**Properties affecting health:** None.  
**Principle routes of exposure:** Skin.  
**Skin contact:** May cause sensitization by skin contact. Contact causes skin irritation.  
**Eye contact:** May cause slight irritation.  
**Inhalation:** None.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

## 4. FIRST AID MEASURES

**General advice:** In case of feeling unwell:.. Consult a physician.  
**Skin contact:** Wash off immediately with soap and plenty of water.

<b>Eye contact:</b>	Flush eye with water for 15 minutes. If symptoms persist, call a physician.
<b>Inhalation:</b>	In the case of inhalation of aerosol/mist consult a physician if necessary. Move to fresh air.
<b>Ingestion:</b>	Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. Consult a physician if necessary.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Carbon dioxide (CO<sub>2</sub>), Dry chemical, Water spray mist or foam

**Extinguishing media which must not be used for safety reasons:**

No information available.

**Special protective equipment for firefighters:**

In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.

**Specific hazards:**

Keep product and empty container away from heat and sources of ignition

**Unusual hazards:**

No hazards resulting from the material as supplied

**Specific methods:**

Water mist may be used to cool closed containers.

**Flash point:**

> 400 (°F)

**Autoignition temperature:**

No information available

**Flammability Limits in Air:**

**Lower**

No information available

**Upper**

No information available

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Contaminated surfaces will be extremely slippery. Use personal protective equipment. Remove all sources of ignition.

**Environmental precautions:**

Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up:**

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## 7. HANDLING AND STORAGE

**Handling**

**Technical measures/precautions:**

**Safe handling advice:**

No special technical protective measures required.

Spilling onto the container's outside will make container slippery. Avoid contact with skin and eyes. Always replace cap after use.

**Storage**

**Technical measures/storage conditions:**

**Incompatible products:**

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

No special restrictions on storage with other products.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

**Respiratory protection:**

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Hand protection:** Nitrile rubber.  
**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect..  
**Eye protection:** Safety glasses  
**Hygiene measures:** Avoid contact with skin, eyes and clothing..



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid
<b>Color:</b>	Clear	<b>Odor:</b>	Mild Hydrocarbon-like
<b>Specific gravity:</b>	<1.0	<b>Boiling point/range</b>	No information available
<b>Evaporation rate:</b>	Not determined	<b>Vapor density:</b>	Not determined
<b>Vapor pressure:</b>	< 1 mmHg @20 °C	<b>Solubility:</b>	Insoluble.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Polymerization:</b>	None under normal processing.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapours.
<b>Materials to avoid:</b>	Oxidising agents (strong).
<b>Conditions to avoid:</b>	Stable at normal conditions.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** No data available

## 12. ECOLOGICAL INFORMATION

**Mobility:** No information available.

**Bioaccumulative potential:** Not determined.

**Ecotoxicity effects:** No data available.

**Aquatic toxicity:** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** In accordance with local and national regulations.

**Contaminated packaging:** Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

**DOT**  
**Proper shipping name:** Not Applicable

**TDG (Canada)**  
**Proper shipping name:** Not Applicable



## 14. TRANSPORT INFORMATION

### IMO / IMDG

**Proper shipping name:** Not Applicable

### ICAO

**Proper shipping name:** Not Applicable

### IATA

**Proper shipping name:** Not Applicable

## 15. REGULATORY INFORMATION

### International Inventories

**PICCS:** This product does not comply with phil:

**TSCA:** Listed in TSCA

**DSL:** All of the components in this product are listed in DSL

**ENCS:** This product does not comply with JPENCS

**CHINA:** This product complies with china:

**AICS:** All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

**KECL:** This product complies with korea:

**EINECS/ELINCS** This product complies with EINECS/ELINCS

### U.S. Regulations:

*1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester*

**California Proposition 65** - Listed.

**NJRTK:** Substance no. 3005 Listed.

**PARTK:** Listed.

**ILRTK:** Listed.

**CTRTK:** Listed.

**Sara (311, 312) hazard class:**

### Canada

**WHMIS hazard class:**

Non-controlled

## 16. OTHER INFORMATION

**NFPA**      **Health:**    1                      **Flammability:**    1                      **Instability:**        0

**HMIG**      **Health:**    1                      **Flammability:**    1                      **Reactivity:**        0

**NFPA symbol:**



**Reason for revision:**

Not applicable

**Prepared by:**

Health & Safety

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.



# MATERIAL SAFETY DATA SHEET

Print date: 11-Apr-2012

Revision Number: 2

Revision date: 11-Apr-2012

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product Name:** PS-200  
**Article Code:** 050054  
**Synonyms:** No information available  
**Chemical characterisation:** No data is available on the product itself.

**Supplier:**  
Summit Industrial Products  
9010 County Road 2120  
Tyler, Texas 75707  
Phone: (903) 534-8021  
Fax: (903) 581-4376

**Emergency telephone number** CHEMTREC: 1-800-424-9300, International: (703) 527-3887

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m <sup>3</sup> ):	OSHA (TWA mg/m <sup>3</sup> ):
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester	68515-49-1	5 (oil mist)	5 (oil mist)

**Note for Non-Hazardous Components** Components not precisely identified above are non-hazardous as defined by applicable laws.

## 3. HAZARDS IDENTIFICATION

**Properties affecting health:** None.  
**Principle routes of exposure:** Skin.  
**Skin contact:** May cause sensitization by skin contact. Contact causes skin irritation.  
**Eye contact:** May cause slight irritation.  
**Inhalation:** None.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

## 4. FIRST AID MEASURES

**General advice:** In case of feeling unwell:.. Consult a physician.  
**Skin contact:** Wash off immediately with soap and plenty of water.

<b>Eye contact:</b>	Flush eye with water for 15 minutes. If symptoms persist, call a physician.
<b>Inhalation:</b>	In the case of inhalation of aerosol/mist consult a physician if necessary. Move to fresh air.
<b>Ingestion:</b>	Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. Consult a physician if necessary.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Carbon dioxide (CO<sub>2</sub>), Dry chemical, Water spray mist or foam

**Extinguishing media which must not be used for safety reasons:**

No information available.

**Special protective equipment for firefighters:**

In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.

**Specific hazards:**

Keep product and empty container away from heat and sources of ignition

**Unusual hazards:**

No hazards resulting from the material as supplied

**Specific methods:**

Water mist may be used to cool closed containers.

**Flash point:**

>400 (°F)

**Autoignition temperature:**

No information available

**Flammability Limits in Air:**

**Lower**

No information available

**Upper**

No information available

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Contaminated surfaces will be extremely slippery. Use personal protective equipment. Remove all sources of ignition.

**Environmental precautions:**

Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up:**

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## 7. HANDLING AND STORAGE

**Handling**

**Technical measures/precautions:**

**Safe handling advice:**

No special technical protective measures required.

Spilling onto the container's outside will make container slippery. Avoid contact with skin and eyes. Always replace cap after use.

**Storage**

**Technical measures/storage conditions:**

**Incompatible products:**

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

No special restrictions on storage with other products.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

**Respiratory protection:**

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Hand protection:** Nitrile rubber.  
**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect..  
**Eye protection:** Safety glasses  
**Hygiene measures:** Avoid contact with skin, eyes and clothing..



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid
<b>Color:</b>	Clear	<b>Odor:</b>	Mild Hydrocarbon-like
<b>Specific gravity:</b>	<1.0	<b>Boiling point/range</b>	No information available
<b>Evaporation rate:</b>	Not determined	<b>Vapor density:</b>	Not determined
<b>Vapor pressure:</b>	< 1 mmHg @20 °C	<b>Solubility:</b>	Insoluble.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.  
**Polymerization:** None under normal processing.  
**Hazardous decomposition products:** Thermal decomposition can lead to release of irritating gases and vapours.  
**Materials to avoid:** Oxidising agents (strong).  
**Conditions to avoid:** Stable at normal conditions.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** No data available

## 12. ECOLOGICAL INFORMATION

**Mobility:** No information available.

**Bioaccumulative potential:** Not determined.

**Ecotoxicity effects:** No data available.

**Aquatic toxicity:** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** In accordance with local and national regulations.

**Contaminated packaging:** Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

**DOT**  
**Proper shipping name:** Not Applicable

**TDG (Canada)**  
**Proper shipping name:** Not Applicable

## 14. TRANSPORT INFORMATION

### IMO / IMDG

**Proper shipping name:** Not Applicable

### ICAO

**Proper shipping name:** Not Applicable

### IATA

**Proper shipping name:** Not Applicable

## 15. REGULATORY INFORMATION

### International Inventories

**PICCS:** This product does not comply with phil:

**TSCA:** Listed in TSCA

**DSL:** All of the components in this product are listed in DSL

**ENCS:** This product does not comply with JPENCS

**CHINA:** This product complies with china:

**AICS:** All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

**KECL:** This product complies with korea:

**EINECS/ELINCS** This product complies with EINECS/ELINCS

### U.S. Regulations:

*1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester*

**California Proposition 65** - Listed.

**NJRTK:** Substance no. 3005 Listed.

**PARTK:** Listed.

**ILRTK:** Listed.

**CTRTK:** Listed.

**Sara (311, 312) hazard class:**

### Canada

**WHMIS hazard class:**

Non-controlled

## 16. OTHER INFORMATION

**NFPA**      **Health:**    1                      **Flammability:**    1                      **Instability:**        0

**HMIG**      **Health:**    1                      **Flammability:**    1                      **Reactivity:**        0

**NFPA symbol:**



**Reason for revision:**

Not applicable

**Prepared by:**

Health & Safety

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.



# MATERIAL SAFETY DATA SHEET

Print date: 11-Apr-2012

Revision Number: 2

Revision date: 11-Apr-2012

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product Name:** PS-300  
**Article Code:** 050055  
**Synonyms:** No information available  
**Chemical characterisation:** No data is available on the product itself.

**Supplier:**  
Summit Industrial Products  
9010 County Road 2120  
Tyler, Texas 75707  
Phone: (903) 534-8021  
Fax: (903) 581-4376

**Emergency telephone number** CHEMTREC: 1-800-424-9300, International: (703) 527-3887

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m <sup>3</sup> ):	OSHA (TWA mg/m <sup>3</sup> ):
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester	68515-49-1	5 (oil mist)	5 (oil mist)

**Note for Non-Hazardous Components** Components not precisely identified above are non-hazardous as defined by applicable laws.

## 3. HAZARDS IDENTIFICATION

**Properties affecting health:** None.  
**Principle routes of exposure:** Skin.  
**Skin contact:** May cause sensitization by skin contact. Contact causes skin irritation.  
**Eye contact:** May cause slight irritation.  
**Inhalation:** None.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

## 4. FIRST AID MEASURES

**General advice:** In case of feeling unwell:.. Consult a physician.  
**Skin contact:** Wash off immediately with soap and plenty of water.



<b>Eye contact:</b>	Flush eye with water for 15 minutes. If symptoms persist, call a physician.
<b>Inhalation:</b>	In the case of inhalation of aerosol/mist consult a physician if necessary. Move to fresh air.
<b>Ingestion:</b>	Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. Consult a physician if necessary.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Carbon dioxide (CO<sub>2</sub>), Dry chemical, Water spray mist or foam

**Extinguishing media which must not be used for safety reasons:**

No information available.

**Special protective equipment for firefighters:**

In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.

**Specific hazards:**

Keep product and empty container away from heat and sources of ignition

**Unusual hazards:**

No hazards resulting from the material as supplied

**Specific methods:**

Water mist may be used to cool closed containers.

**Flash point:**

> 400 (°F)

**Autoignition temperature:**

No information available

**Flammability Limits in Air:**

**Lower**

No information available

**Upper**

No information available

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Contaminated surfaces will be extremely slippery. Use personal protective equipment. Remove all sources of ignition.

**Environmental precautions:**

Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up:**

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## 7. HANDLING AND STORAGE

**Handling**

**Technical measures/precautions:**

**Safe handling advice:**

No special technical protective measures required.

Spilling onto the container's outside will make container slippery. Avoid contact with skin and eyes. Always replace cap after use.

**Storage**

**Technical measures/storage conditions:**

**Incompatible products:**

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

No special restrictions on storage with other products.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

**Respiratory protection:**

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Hand protection:** Nitrile rubber.  
**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect..  
**Eye protection:** Safety glasses  
**Hygiene measures:** Avoid contact with skin, eyes and clothing..



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid
<b>Color:</b>	Clear	<b>Odor:</b>	Mild Hydrocarbon-like
<b>Specific gravity:</b>	<1.0	<b>Boiling point/range</b>	No information available
<b>Evaporation rate:</b>	Not determined	<b>Vapor density:</b>	Not determined
<b>Vapor pressure:</b>	< 1 mmHg @20 °C	<b>Solubility:</b>	Insoluble.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.  
**Polymerization:** None under normal processing.  
**Hazardous decomposition products:** Thermal decomposition can lead to release of irritating gases and vapours.  
**Materials to avoid:** Oxidising agents (strong).  
**Conditions to avoid:** Stable at normal conditions.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** No data available

## 12. ECOLOGICAL INFORMATION

**Mobility:** No information available.

**Bioaccumulative potential:** Not determined.

**Ecotoxicity effects:** No data available.

**Aquatic toxicity:** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** In accordance with local and national regulations.

**Contaminated packaging:** Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

**DOT**  
**Proper shipping name:** Not Applicable

**TDG (Canada)**  
**Proper shipping name:** Not Applicable

## 14. TRANSPORT INFORMATION

### IMO / IMDG

**Proper shipping name:** Not Applicable

### ICAO

**Proper shipping name:** Not Applicable

### IATA

**Proper shipping name:** Not Applicable

## 15. REGULATORY INFORMATION

### International Inventories

**PICCS:** This product does not comply with phil:

**TSCA:** Listed in TSCA

**DSL:** All of the components in this product are listed in DSL

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**KECL:** This product does not comply with korea:

**EINECS/ELINCS** This product does not comply with EINECS/ELINCS

### U.S. Regulations:

*1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester*

**California Proposition 65** - Listed.

**NJRTK:** Substance no. 3005 Listed.

**PARTK:** Listed.

**ILRTK:** Listed.

**CTRTK:** Listed.

**Sara (311, 312) hazard class:**

### Canada

**WHMIS hazard class:**

Non-controlled

## 16. OTHER INFORMATION

**NFPA**      **Health:**    1                      **Flammability:**    1                      **Instability:**        0

**HMIG**      **Health:**    1                      **Flammability:**    1                      **Reactivity:**        0

**NFPA symbol:**



**Reason for revision:**

Not applicable

**Prepared by:**

Health & Safety

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# MATERIAL SAFETY DATA SHEET

Print date: 11-Apr-2012

Revision Number: 2

Revision date: 11-Apr-2012

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product Name:** PS-400  
**Article Code:** 050056  
**Synonyms:** No information available  
**Chemical characterisation:** No data is available on the product itself.

**Supplier:**  
Summit Industrial Products  
9010 County Road 2120  
Tyler, Texas 75707  
Phone: (903) 534-8021  
Fax: (903) 581-4376

**Emergency telephone number** CHEMTREC: 1-800-424-9300, International: (703) 527-3887

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m <sup>3</sup> ):	OSHA (TWA mg/m <sup>3</sup> ):
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester	68515-49-1	5 (oil mist)	5 (oil mist)

**Note for Non-Hazardous Components** Components not precisely identified above are non-hazardous as defined by applicable laws.

## 3. HAZARDS IDENTIFICATION

**Properties affecting health:** None.  
**Principle routes of exposure:** Skin.  
**Skin contact:** May cause sensitization by skin contact. Contact causes skin irritation.  
**Eye contact:** May cause slight irritation.  
**Inhalation:** None.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

## 4. FIRST AID MEASURES

**General advice:** In case of feeling unwell:.. Consult a physician.  
**Skin contact:** Wash off immediately with soap and plenty of water.

<b>Eye contact:</b>	Flush eye with water for 15 minutes. If symptoms persist, call a physician.
<b>Inhalation:</b>	In the case of inhalation of aerosol/mist consult a physician if necessary. Move to fresh air.
<b>Ingestion:</b>	Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. Consult a physician if necessary.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Carbon dioxide (CO<sub>2</sub>), Dry chemical, Water spray mist or foam

**Extinguishing media which must not be used for safety reasons:**

No information available.

**Special protective equipment for firefighters:**

In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.

**Specific hazards:**

Keep product and empty container away from heat and sources of ignition

**Unusual hazards:**

No hazards resulting from the material as supplied

**Specific methods:**

Water mist may be used to cool closed containers.

**Flash point:**

> 400 (°F)

**Autoignition temperature:**

No information available

**Flammability Limits in Air:**

**Lower**

No information available

**Upper**

No information available

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Contaminated surfaces will be extremely slippery. Use personal protective equipment. Remove all sources of ignition.

**Environmental precautions:**

Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up:**

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## 7. HANDLING AND STORAGE

**Handling**

**Technical measures/precautions:**

**Safe handling advice:**

No special technical protective measures required.

Spilling onto the container's outside will make container slippery. Avoid contact with skin and eyes. Always replace cap after use.

**Storage**

**Technical measures/storage conditions:**

**Incompatible products:**

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

No special restrictions on storage with other products.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

**Respiratory protection:**

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Hand protection:** Nitrile rubber.  
**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect..  
**Eye protection:** Safety glasses  
**Hygiene measures:** Avoid contact with skin, eyes and clothing..



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid
<b>Color:</b>	Clear	<b>Odor:</b>	Mild Hydrocarbon-like
<b>Specific gravity:</b>	<1.0	<b>Boiling point/range</b>	No information available
<b>Evaporation rate:</b>	Not determined	<b>Vapor density:</b>	Not determined
<b>Vapor pressure:</b>	< 1 mmHg @20 °C	<b>Solubility:</b>	Insoluble.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Polymerization:</b>	None under normal processing.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapours.
<b>Materials to avoid:</b>	Oxidising agents (strong).
<b>Conditions to avoid:</b>	Stable at normal conditions.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** No data available

## 12. ECOLOGICAL INFORMATION

**Mobility:** No information available.

**Bioaccumulative potential:** Not determined.

**Ecotoxicity effects:** No data available.

**Aquatic toxicity:** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** In accordance with local and national regulations.

**Contaminated packaging:** Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

**DOT**  
**Proper shipping name:** Not Applicable

**TDG (Canada)**  
**Proper shipping name:** Not Applicable

## 14. TRANSPORT INFORMATION

### IMO / IMDG

Proper shipping name: Not Applicable

### ICAO

Proper shipping name: Not Applicable

### IATA

Proper shipping name: Not Applicable

## 15. REGULATORY INFORMATION

### International Inventories

**PICCS:** This product does not comply with phil:

**TSCA:** Listed in TSCA

**DSL:** All of the components in this product are listed in DSL

**ENCS:** This product does not comply with JPENCS

**CHINA:** This product complies with china:

**AICS:** All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

**KECL:** This product complies with korea:

**EINECS/ELINCS** This product complies with EINECS/ELINCS

### U.S. Regulations:

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