



MATERIAL SAFETY DATA SHEET

Print date: 17-Apr-2012

Revision Number: 2

Revision date: 17-Apr-2012

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

Product Name: Sierra 32
Article Code: 340196
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 ³):	OSHA (TWA mg/m ³):
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester	68515-49-1	5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)
N-Phenylbenzenamine	68411-46-1	None	None

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: Substance may cause slight skin irritation.
Eye contact: May cause slight irritation.
Inhalation: Avoid breathing vapors or mists. May cause irritation of respiratory tract.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4. FIRST AID MEASURES

General advice: If symptoms persist, call a physician.

Skin contact:	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
Eye contact:	Flush eye with water for 15 minutes.
Inhalation:	In the case of inhalation of aerosol/mist consult a physician if necessary. Move to fresh air.
Ingestion:	Do not induce vomiting. Call a physician immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide (CO2), 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:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards:	No information available.
Unusual hazards:	No hazards resulting from the material as supplied
Specific methods:	In the event of fire, cool tanks with water spray

Flash point:	> 450 (°F)
Autoignition temperature:	No information available

Flammability Limits in Air:

Lower	No information available
Upper	No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective equipment
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:	No special technical protective measures required.
Safe handling advice:	Spilling onto the container's outside will make container slippery.

Storage

Technical measures/storage conditions:	Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Incompatible products:	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

Physical State:	Liquid	Appearance:	Liquid
Color:	Clear	Odor:	Mild
Specific gravity:	~0.867	Boiling point/range	No information available
Evaporation rate:	Not determined	Vapor density:	Not determined
Vapor pressure:	Not determined	Solubility:	Insoluble.

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Polymerization:	Hazardous polymerisation does not occur.
Hazardous decomposition products:	carbon oxides
Materials to avoid:	Strong oxidising agents.
Conditions to avoid:	Stable at normal conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available

12. ECOLOGICAL INFORMATION

Mobility: No information available.

Bioaccumulative potential: No information available.

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 w ith phil:

TSCA: Listed in TSCA

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

ENCS: This product does not comply w ith JPENCS

CHINA: This product complies w ith china:

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

KECL: This product complies w ith korea:

EINECS/ELINCS This product complies w ith 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.

CTRTRK: Listed.

Sara (311, 312) hazard class:

Chronic Hazard

Canada

WHMIS hazard class:

Not determined

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: 12-Apr-2012

Revision Number: 2

Revision date: 12-Apr-2012

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

Product Name: Sierra 46
Article Code: 340195
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 ³):	OSHA (TWA mg/m ³):
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester	68515-49-1	5 (oil mist)	5 (oil mist)
N-Phenylbenzenamine	68411-46-1	None	None

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: Substance may cause slight skin irritation.
Eye contact: May cause slight irritation.
Inhalation: Avoid breathing vapors or mists. May cause irritation of respiratory tract.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4. FIRST AID MEASURES

General advice: If symptoms persist, call a physician.

Skin contact:	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
Eye contact:	Flush eye with water for 15 minutes.
Inhalation:	In the case of inhalation of aerosol/mist consult a physician if necessary. Move to fresh air.
Ingestion:	Do not induce vomiting. Call a physician immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide (CO2), 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:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards:	No information available.
Unusual hazards:	No hazards resulting from the material as supplied
Specific methods:	In the event of fire, cool tanks with water spray

Flash point:	> 450 (°F)
Autoignition temperature:	No information available

Flammability Limits in Air:

Lower	No information available
Upper	No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective equipment
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:	No special technical protective measures required.
Safe handling advice:	Spilling onto the container's outside will make container slippery.

Storage

Technical measures/storage conditions:	Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Incompatible products:	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

Physical State:	Liquid	Appearance:	Liquid
Color:	Clear	Odor:	Mild
Specific gravity:	0.8717 @ 60 °F	Boiling point/range	No information available
Evaporation rate:	Not determined	Vapor density:	Not determined
Vapor pressure:	Not determined	Solubility:	Insoluble.

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Polymerization:	Hazardous polymerisation does not occur.
Hazardous decomposition products:	carbon oxides
Materials to avoid:	Strong oxidising agents.
Conditions to avoid:	Stable at normal conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available

12. ECOLOGICAL INFORMATION

Mobility: No information available.

Bioaccumulative potential: No information available.

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

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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.

CTRTRK: Listed.

Sara (311, 312) hazard class:

Chronic Hazard

Canada

WHMIS hazard class:

Not determined

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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Revision Number: 2

Revision date: 17-Apr-2012

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

Product Name: Sierra 68
Article Code: 340197
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

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2. COMPOSITION/INFORMATION ON INGREDIENTS

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Principle routes of exposure: Skin.
Skin contact: Substance may cause slight skin irritation.
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Inhalation: Avoid breathing vapors or mists. May cause irritation of respiratory tract.
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Eye contact:	Flush eye with water for 15 minutes.
Inhalation:	In the case of inhalation of aerosol/mist consult a physician if necessary. Move to fresh air.
Ingestion:	Do not induce vomiting. Call a physician immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide (CO2), 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:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards:

No information available.

Unusual hazards:

No hazards resulting from the material as supplied

Specific methods:

In the event of fire, cool tanks with water spray

Flash point:

> 450 (°F)

Autoignition temperature:

No information available

Flammability Limits in Air:

Lower

No information available

Upper

No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment

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:

No special technical protective measures required.

Safe handling advice:

Spilling onto the container's outside will make container slippery.

Storage

Technical measures/storage conditions:

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Incompatible products:

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Personal Protective Equipment

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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

Physical State:	Liquid	Appearance:	Liquid
Color:	Clear	Odor:	Mild
Specific gravity:	~0.874	Boiling point/range	No information available
Evaporation rate:	Not determined	Vapor density:	Not determined
Vapor pressure:	Not determined	Solubility:	Insoluble.

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Polymerization:	Hazardous polymerisation does not occur.
Hazardous decomposition products:	carbon oxides
Materials to avoid:	Strong oxidising agents.
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Ecotoxicity effects: No data available.

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13. DISPOSAL CONSIDERATIONS

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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

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

California Proposition 65 - Listed.

NJRTK: Substance no. 3005 Listed.

PARTK: Listed.

ILRTK: Listed.

CTRTRK: Listed.

Sara (311, 312) hazard class:

Chronic Hazard

Canada

WHMIS hazard class:

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16. OTHER INFORMATION

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HMIG Health: 1 Flammability: 1 Reactivity: 0

NFPA symbol:



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