

Safety Data Sheet

9252DV

BRIGHT BLUE

SECTION 1: Identification

Product identifier

Product name
Product number
Brand

CALPRO 9252DV
9252DV SERIES

Supplier's details

Name
Address

SOUTHERN AEROSOLS
PO BOX 67
CLEVELAND, NC 27013
USA

Telephone 704-278-9800

Emergency phone number(s)

INFOTRAC Chemical Emergency Response System
1-800-535-5053

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

- Flammable gases (chapter 2.2), Cat. 1
- Gases under pressure (chapter 2.5), compressed gas
- Aspiration hazard (chapter 3.10), Cat. 2
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 2B
- Sensitization, respiratory (chapter 3.4), Cat. 1
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- Germ cell mutagenicity (chapter 3.5), Cat. 2
- Carcinogenicity (chapter 3.6), Cat. 2
- Specific target organ toxicity, repeated exposure (chapter 3.9), Cat. 1
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 3

GHS label elements, including precautionary statements

Pictogram



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Signal word

Danger

Hazard statement(s)

H220	Extremely flammable gas
H222	Extremely flammable aerosol
H280	Contains gas under pressure; may explode if heated
H305	May be harmful if swallowed and enters airways
H315	Causes skin irritation
H320	Causes eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
H372	Causes damage to organs through prolonged or repeated exposure
H402	Harmful to aquatic life

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	[In case of inadequate ventilation] wear respiratory protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P302+P352	IF ON SKIN: Wash with plenty of water/...
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER/doctor/... if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment (see ... on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
P362+P364	Take off contaminated clothing and wash it before reuse.
P377	Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P381	Eliminate all ignition sources if safe to do so.
P403	Store in a well ventilated place.
P403+P233	Store in a well ventilated place. Keep container tightly closed.
P405	Store locked up.
P410+P403	Protect from sunlight. Store in a well ventilated place.
P501	Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

Mixtures

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Hazardous components

Component	Concentration
ACETONE (CAS no.: 67-64-1; EC no.: 200-662-2; Index no.: 606-001-00-8) CLASSIFICATIONS: Flammable liquids (chapter 2.6), Cat. 2; Eye damage/irritation (chapter 3.3), Cat. 2; Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3. HAZARDS: H225 - Highly flammable liquid and vapor; H319 - Causes serious eye irritation; H336 - May cause drowsiness or dizziness.	40 - 45 %
Propane, liquid (CAS no.: 74-98-6; EC no.: 200-827-9; Index no.: 601-003-00-5) CLASSIFICATIONS: Flammable gases (chapter 2.2), Cat. 1; Press. Gas. HAZARDS: H220 - Extremely flammable gas.	16.5 - 18 %
TITANIUM DIOXIDE (CAS no.: 13463-67-7) CLASSIFICATIONS: No data available. HAZARDS: No data available.	3.3 - 10 %
METHYL ETHYL KETONE (CAS no.: 78-93-3; EC no.: 201-159-0; Index no.: 606-002-00-3) CLASSIFICATIONS: Flammable liquids (chapter 2.6), Cat. 2; Eye damage/irritation (chapter 3.3), Cat. 2; Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3. HAZARDS: H225 - Highly flammable liquid and vapor; H319 - Causes serious eye irritation; H336 - May cause drowsiness or dizziness.	5.5 - 6.5 %
XYLENES (MIXED) (CAS no.: 1330-20-7; EC no.: 215-535-7; Index no.: 601-022-00-9) CLASSIFICATIONS: Flammable liquids (chapter 2.6), Cat. 3; Acute toxicity (chapter 3.1), Cat. 4; Skin corrosion/irritation (chapter 3.2), Cat. 2. HAZARDS: H226 - Flammable liquid and vapor; H312 - Harmful in contact with skin; H315 - Causes skin irritation; H332 - Harmful if inhaled.	3.3 - 6.6 %
Calcium carbonate (Natural) (CAS no.: 1317-65-3) CLASSIFICATIONS: No data available. HAZARDS: No data available.	3.3 - 10 %
Solvent naphtha (petroleum), light aliph (CAS no.: 64742-89-8) CLASSIFICATIONS: No data available. HAZARDS: No data available.	3.3 - 6.6 %
Iron (III) oxide (CAS no.: 1309-37-1) CLASSIFICATIONS: No data available. HAZARDS: No data available.	0.66 - 2.65 %

SECTION 4: First-aid measures

Description of necessary 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. Take victim immediately to hospital. 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.
Personal protective equipment for first-aid responders	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of immediate medical attention and special treatment needed, if necessary

Consult a physician. Show this safety data sheet to the doctor in attendance.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

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

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Specific hazards arising from the chemical

Carbon oxides

Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

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.

Environmental precautions

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

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).

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

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.

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

Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

Control parameters

CAS: 1309-37-1

Iron oxide

Ca/OSHA: 5 mg/m³ (fume) PEL inhalation; NIOSH: 5 mg/m³ (dust and fume) REL inhalation; OSHA: 10 (fume) mg/m³ PEL inhalation

CAS: 1317-65-3

Calcium Carbonate

Ca/OSHA: see PNOR PEL inhalation

Calcium Carbonate, Respirable fraction

Ca/OSHA: 5 mg/m³ PEL inhalation; NIOSH: 5 mg/m³ REL inhalation; OSHA: 5 mg/m³ PEL inhalation

Calcium Carbonate, Total dust

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Cal/OSHA: 10 mg/m³ PEL inhalation; NIOSH: 10 mg/m³ REL inhalation; OSHA: 15 mg/m³ PEL inhalation
Limestone

Cal/OSHA: see PNOR PEL inhalation
Limestone, Respirable fraction

Cal/OSHA: 5 mg/m³ PEL inhalation; NIOSH: 5 mg/m³ REL inhalation; OSHA: 5 mg/m³ PEL inhalation
Limestone, Total dust

Cal/OSHA: 10 mg/m³ PEL inhalation; NIOSH: 10 mg/m³ REL inhalation; OSHA: 15 mg/m³ PEL inhalation
Marble

Cal/OSHA: See PNOR PEL inhalation
Marble, Respirable fraction

Cal/OSHA: 5 mg/m³ PEL inhalation; NIOSH: 5 mg/m³ REL inhalation; OSHA: 5 mg/m³ PEL inhalation
Marble, Total dust

Cal/OSHA: 10 mg/m³ PEL inhalation; NIOSH: 10 mg/m³ REL inhalation; OSHA: 15 mg/m³ PEL inhalation

CAS: 1330-20-7 (EC: 215-535-7)

XYLENES (MIXED)

ACGIH: 150 ppm STEL; 100 ppm TWA

Xylenes (o-, m-, p-isomers)

Cal/OSHA: 100 ppm, (ST) 150 ppm, (C) 300 ppm PEL inhalation; NIOSH: 100 ppm, (ST) 150 ppm REL inhalation; OSHA: 100 ppm PEL inhalation; 435 mg/m³ PEL inhalation

CAS: 13463-67-7

Titanium dioxide - Total dust

Cal/OSHA: See PNOR PEL inhalation; NIOSH: Ca, (ultrafine particles), 2.4 mg/m³ (fine), 0.3 mg/m³ (ultrafine),
See Appendix A, See Appendix C REL inhalation; OSHA: 15 mg/m³ PEL inhalation

CAS: 67-64-1

Acetone

Cal/OSHA: 500 ppm, (ST) 750 ppm, (C) 3000 ppm PEL inhalation; NIOSH: 250 ppm REL inhalation; OSHA: 1000 ppm PEL inhalation; 2400 mg/m³ PEL inhalation

CAS: 74-98-6

Propane

Cal/OSHA: 1000 ppm PEL inhalation; NIOSH: 1000 ppm REL inhalation; OSHA: 1000 ppm PEL inhalation; 1800 mg/m³ PEL inhalation

CAS: 78-93-3

2-Butanone (Methyl ethyl ketone)

Cal/OSHA: 200 ppm, (ST) 300 ppm PEL inhalation; NIOSH: 200 ppm, (ST) 300 ppm REL inhalation; OSHA: 200 ppm PEL inhalation; 590 mg/m³ PEL inhalation

Appropriate engineering controls

Distribution, Workplace and Household Settings: Ensure adequate ventilation. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Individual protection measures, such as personal protective equipment (PPE)

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.

Body protection

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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.

Complete suit protecting against chemicals, 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 multipurpose combination (US) or type ABEK (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).

Thermal hazards

No data available

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	AEROSOL/LIQUID
Odor	TYPICAL PAINT SOLVENTS
Odor threshold	NOT AVAILABLE
pH	7
Melting point/freezing point	NOT AVAILABLE
Initial boiling point and boiling range	132-295 F
Flash point	CLOSED CUP: -20.2F
Evaporation rate	5.6 (butyl acetate = 1)
Flammability (solid, gas)	NOT AVAILABLE
Upper/lower flammability limits	12.8%/1%
Upper/lower explosive limits	13%/1%
Vapor pressure	13.5 kPa
Vapor density	1.55 (AIR = 1)
Relative density	.69
Solubility(ies)	NOT AVAILABLE
Partition coefficient: n-octanol/water	NOT AVAILABLE
Auto-ignition temperature	NOT AVAILABLE
Decomposition temperature	NOT AVAILABLE
Viscosity	<0.07cm ² /s (room temperature)
Explosive properties	
Oxidizing properties	

Other safety information

FOR FURTHER DETAILS SEE TECHNICAL DATA SHEETS FOR DV16 (PRECHARGED AEROSOL) AND CALPRO 9252 (PAINT).

SECTION 10: Stability and reactivity

Reactivity

None under normal use conditions.

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Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

Vapours may form explosive mixture with air.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

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

Hazardous decomposition products

Other decomposition products - No data available In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

ACETONE

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.

ACETONE

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

Remarks: Drowsiness Dizziness Unconsciousness

ACETONE

LD50 Skin - Guinea pig - 7,429 mg/kg

METHYL ETHYL KETONE

LD50 Oral - Rat - 2737 mg/kg

METHYL ETHYL KETONE

LD50 Skin - Rabbit - 6480 mg/kg

XYLENES (MIXED)

LD50 Skin - Rabbit - >1.7g/kg

XYLENES (MIXED)

LC50 Inhalation - Rat - 6670 ppm - 4 hrs

XYLENES (MIXED)

LD50 Oral - Rat - 4.3 g/kg

Skin corrosion/irritation

ACETONE

Skin - Rabbit - 24 hr

Result: Mild skin irritation

METHYL ETHYL KETONE

Skin - Rabbit - 24 hrs 14 milligrams

Result: Mild Irritant

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Serious eye damage/irritation

ACETONE

- Rabbit - 24 hr

Result: Eye irritation

ACETONE

Eyes - Human - 186300 ppm

Remarks: May cause drowsiness or dizziness.

XYLENES (MIXED)

- Rabbit - 87 mg

Result: Mild Irritant

XYLENES (MIXED)

- Rabbit - 5 mg - 24 hrs

Result: Severe Irritant

Respiratory or skin sensitization

ACETONE

- Guinea pig

Result: Does not cause skin sensitisation

Germ cell mutagenicity

ACETONE

Result: No data available

Carcinogenicity

ACETONE

Remarks: 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

ACETONE

Summary of evaluation of the CMR properties

ACETONE

Remarks: 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.

STOT-single exposure

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ACETONE

Remarks: May cause drowsiness or dizziness.

STOT-repeated exposure

ACETONE

Result: No data available

Aspiration hazard

No data available.

Additional information

No data available.

SECTION 12: Ecological information

Toxicity

ACETONE

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

ACETONE

LC50 - Daphnia magna (Water flea) - 8,800 mg/l - 48 hr

Persistence and degradability

ACETONE

OECD Test Guideline 301B

Result: 91% -Readily biodegradable.

Bioaccumulative potential

Does not bioaccumulate.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

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

Other adverse effects

No data available

SECTION 13: Disposal considerations

Disposal of the 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.

Disposal of contaminated packaging

Dispose of as unused product.

Waste treatment

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

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Sewage disposal

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Non Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is undiluted scrap product. Do not landfill. Household Use: Household product is safe for disposal down the drain during detergent use or in the trash. Dispose of empty bottle in the trash or recycle where facilities exist.

Other disposal recommendations

NOT AVAILABLE

SECTION 14: Transport information

DOT (US)

UN Number: 1950

Class: 2.1

Packing Group:

Proper Shipping Name: AEROSOLS

Reportable quantity (RQ): Special Provisions: LIMITED QUANTITY

Marine pollutant: NO

Poison inhalation hazard:

IMDG

UN Number: 1950

Class: 2.1

Packing Group:

EMS Number:

Proper Shipping Name: AEROSOLS

IATA

UN Number: 1950

Class: 2.1

Packing Group:

Proper Shipping Name: AEROSOLS, FLAMMABLE

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

California Prop. 65 components

Chemical name: XYLENES (MIXED)

CAS number: 1330-20-7

06/11/2004 - Cancer

Massachusetts Right To Know Components

Chemical name: Acetone

CAS number: 67-64-1. Chemical name: Methyl ethyl ketone

CAS number: 78-93-3. Chemical name: Xylene (mixed isomers)

CAS number: 1330-20-7

New Jersey Right To Know Components

Common name: ACETONE

CAS number: 67-64-1. Common name: PROPANE

CAS number: 74-98-6. Common name: METHYL ETHYL KETONE

CAS number: 78-93-3. Common name: TITANIUM DIOXIDE

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CAS number: 13463-67-7. Common name: XYLENES
CAS number: 1330-20-7. Common name: CALCIUM CARBONATE
CAS number: 1317-65-3. Common name: IRON OXIDE
CAS number: 1309-37-1

Pennsylvania Right To Know Components

Chemical name: 2-Propanone
CAS number: 67-64-1. Chemical name: Propane
CAS number: 74-98-6. Chemical name: 2-Butanone
CAS number: 78-93-3. Chemical name: Titanium oxide
CAS number: 13463-67-7. Chemical name: Benzene, dimethyl-
CAS number: 1330-20-7. Chemical name: Limestone
CAS number: 1317-65-3. Chemical name: Iron oxide
CAS number: 1309-37-1

Stockholm Convention

HMIS Rating

Health	2
Flammability	4
Physical hazard	0
Personal protection	X

NFPA Rating

Health hazard	2
Fire hazard	3
Reactivity hazard	
Special hazard	

SECTION 16: Other information

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Southern Aerosols/Custom Aero Coatings be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if [COMPANY NAME] has been advised of the possibility of such damages.

Further information/disclaimer

No data available.

Preparation information

No data available.