



## SAFETY DATA SHEET

(according to (EC) 1907/2006)

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Docco #006

##### Synonyms:

P-1432

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

Not provided.

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

##### Manufacturer Information:

Vertellus LLC  
201 North Illinois Street, Suite 1800,  
Indianapolis, IN 46204

##### Non-Emergency Fax Number:

1-336-854-4058

##### E-Mail Address:

msds@vertellus.com

Non-Emergency Phone Number: 336-292-1781

#### 1.4. Emergency telephone number

Vertellus: 1-336-292-1781

CHEMTREC (USA): 1-800-424-9300 (collect calls accepted); (Int'l): 1-703-527-3887 (collect calls accepted; 011 prefix not needed)

### SECTION 2: Hazards identification

HMIS Rating	
HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

#### 2.1. Classification of the substance or mixture

(According to Regulation (EC) No 1272/2008)

Aspiration Hazard Category 1

##### Signal Word:

Danger

##### Hazard Precautions:

H304 - May be fatal if swallowed and enters airways.

#### 2.2. Label elements

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Hazard Symbols (Pictogram):



**Prevention Precautions:**

Not applicable

**First Aid Precautions:**

P331 - Do NOT induce vomiting.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

**Storage Precautions:**

P405 - Store locked up.

**Disposal Precautions:**

P501 - Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

**Single Exposure Target Organs:**

Not applicable

**Repeated Exposure Target Organs:**

Not applicable

**(According to Directive 67/548/EEC)**

**Symbol:** Xn

**Risk Phrases:** R65: Harmful: may cause lung damage if swallowed.

**Safety Phrases:** S2: Keep out of the reach of children.

S23: Do not breathe gas/fumes/vapour/spray.

S24: Avoid contact with the skin.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### **2.3. Other hazards**

**Signs and Symptoms of Potential Overexposure:** May cause irritation to the eyes on contact; may cause skin irritation, especially if contact is prolonged or repeated. Severe oral exposure will lead to intense burning of the throat and may result in drowsiness, numbness and headache followed by dizziness, weakness and nausea. Acute overexposure in mist form may result in irritation of the throat and lungs.

**Primary Route(s) of Exposure:** Inhalation. Ingestion. Skin contact. Eye contact.

**Medical Conditions Aggravated by Exposure:** No data found

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances or 3.2. Mixtures

Ingredient	CAS Number	Concentration (%)	EINECS / ELINCS	EU Symbol	Risk Phrases
Trade Secret	Trade Secret	60	Not listed.	N/A	Not applicable
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	40	265-191-7	Xn	R65

**NOTE:** See Section 8 of this MSDS for exposure limit data for these ingredients.  
 See Section 15 of this MSDS for trade secret information (where applicable).  
 See Section 16 of this MSDS for the full text of the R-phrases above.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Skin Contact:</b>	Wash with soap and water. Get medical attention if irritation develops or persists.
<b>Eye Contact:</b>	Flush eyes with water for at least 15 minutes; if irritation occurs seek medical attention.
<b>Inhalation:</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
<b>Ingestion:</b>	Do NOT induce vomiting. GET MEDICAL ATTENTION. If swallowed, contact physician or poison control center immediately.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Acute:</b>	May cause irritation to the eyes on contact; may cause skin irritation, especially if contact is prolonged or repeated. Severe oral exposure will lead to intense burning of the throat and may result in drowsiness, numbness and headache followed by dizziness, weakness and nausea. Acute overexposure in mist form may result in irritation of the throat and lungs.
<b>Delayed Effects:</b>	None known.

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

<b>Thermal Exposure:</b>	Not applicable.
<b>Note to Physician:</b>	No additional first aid information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Appropriate Extinguishing Media:</b>	Dry chemical Water fog Carbon dioxide Foam
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#### 5.2. Special hazards arising from the substance or mixture

<b>Hazardous Products of Combustion:</b>	Carbon dioxide, Carbon monoxide Soot
<b>Potential for Dust Explosion:</b>	Not applicable.
<b>Special Flammability Hazards:</b>	Not applicable.

#### 5.3. Advice for firefighters

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**Basic Fire Fighting Guidance:** Wear self-contained breathing apparatus and full protective clothing (i.e., Bunker gear). Skin and eye contact should be avoided. Normal fire fighting procedures may be used.

**Flammability Classification (OSHA):** Combustible Liquid - Class III A

**NFPA Rating**



### SECTION 6: Accidental release measures

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

**Evacuation Procedures:** Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Special Instructions:** Remove all contaminated clothing to prevent further absorption. Decontaminate affected personnel using the first aid procedures in Section 4. Leather shoes that have been saturated must be discarded.

#### 6.2. Environmental precautions

Prevent releases to soils, drains, sewers, and waterways.

#### 6.3. Methods and material for containment and cleaning up

**Containment Techniques and Clean-up Procedures:** Ensure clean-up measures are in compliance with OSHA (29 CFR 1910.120). Collect large spills with shovel or pump to other leak-proof containers. Spread sand over spill areas. Clean with detergent solution. Wear protective equipment during clean-up.

**Special Reporting Requirements:** Notify appropriate authorities if required by regulation. See Section 15 for additional information.

#### 6.4. Reference to other sections

Refer to section 8 for information on selecting personal protective equipment. Refer to section 13 for information on spilled product, absorbent and clean up material disposal instructions.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Precautions for Unique Hazards:** Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled container.

**Practices to Minimize Risk:** Wear appropriate protective equipment when performing maintenance on contaminated equipment. Wash hands thoroughly before eating or smoking after handling this material.

**Special Handling Equipment:** Not applicable.

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

**Storage Precautions & Recommendations:** Keep away from heat and flame. Maintain dry, ventilated conditions for storage.



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**Dangerous Incompatibility Reactions:** Strong oxidizing agents

**Incompatibilities with Materials of Construction:** none known

### 7.3. Specific end use(s)

If a chemical safety assessment has been completed an exposure scenario is attached as an annex to this Safety Data Sheet. Refer to this annex for the specific exposure scenario control parameters for uses identified in subsection 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits (United States):** OSHA PEL: Not available. ACGIH TLV: Not available.

### 8.2. Exposure controls

Also see the annex to this SDS (if applicable) for specific exposure scenario controls.

**Personal Protective Equipment:** A NIOSH approved chemical cartridge respirator or supplied-air breathing equipment should be used as conditions necessitate. Chemical goggles or face shield where necessary, impervious gloves and clothing, boots, NIOSH approved chemical cartridge respirator or supplied air breathing apparatus should be used as necessary.

**Respirator Caution:** Observe OSHA regulations for respirator use (29 CFR 1910.134). Air-purifying respirators must not be used in oxygen-deficient atmospheres.

**Ventilation:** All operations should be conducted in well-ventilated conditions. Local exhaust ventilation should be provided.

**Other Engineering Controls:** All appropriate engineering controls should be used to minimize exposure potential. Use exhaust ventilation to keep airborne concentrations below exposure limits.

**Thermal Hazards:** Not applicable.

**Additive or Synergistic Effects:** None known.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance, State &amp; Odor (ambient temperature):</b>	Amber colored liquid with mild oil odor.		
<b>Molecular Formula:</b>	Not available.	<b>Molecular Weight:</b>	Not applicable.
<b>Vapor Pressure:</b>	2.00 mm Hg @ 20°C	<b>Evaporation Rate:</b>	0.1-0.5 (n-Butyl acetate = 1)
<b>Specific Gravity or Density:</b>	0.972	<b>Vapor Density (air = 1):</b>	4.9
<b>Boiling Point:</b>	320 - 390 °C	<b>Freezing / Melting Point:</b>	Not available.
<b>Solubility in Water:</b>	Not soluble.	<b>Octanol / Water Coefficient:</b>	Not available.
<b>pH:</b>	Not available.	<b>Odor Threshold:</b>	Not available.
<b>Viscosity:</b>	Not available.	<b>Autoignition Temperature:</b>	Not available.
<b>Flash Point and Method:</b>	143°F (63.8°C) (Not provided)	<b>Flammable Limits:</b>	0.7% (LEL) – 7% (UEL)



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### 9.2. Other information

Not applicable.

### SECTION 10: Stability and reactivity

<u>10.1. Reactivity</u>	Not classified as dangerously reactive.
<u>10.2. Chemical stability</u>	Stable
<u>10.3. Possibility of hazardous reactions</u>	Will not occur.
<u>10.4. Conditions to avoid</u>	not applicable
<u>10.5. Incompatible materials</u>	Strong oxidizing agents
<u>10.6. Hazardous decomposition products</u>	Carbon dioxide carbon monoxide Soot

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute Oral LD <sub>50</sub> :	Oral LD <sub>50</sub> (rat) > 5000 mg/kg
Acute Dermal LD <sub>50</sub> :	Dermal LD <sub>50</sub> (rabbit) > 3000 mg/kg
Acute Inhalation LC <sub>50</sub> :	Inhalation LC <sub>50</sub> (4h) (rat) > 5500 ppm
Skin Irritation:	No data available.
Skin Sensitization:	No data available.
Eye Irritation:	No data available.
Target Organs:	Kidney (male rats, not expected to occur in humans).
Carcinogenicity:	Based on the available information, this material cannot be classified with regard to carcinogenicity.
Teratogenicity:	No data available.
Reproduction:	No data available.
Neurotoxicity:	No data available.
Mutagenicity:	No data available.
Additional Toxicity Information:	Toxicological data is for solvent naphtha.

### SECTION 12: Ecological information

<u>12.1. Toxicity</u>	96 HR EC50 PSEUDOKIRCHNERIELLA SUBCAPITATA 450 mg/L 48 HR EC50 DAPHNIA MAGNA > 100 mg/L 96 HR LC50 PIMEPHALES PROMELAS 800 MG/L [STATIC]
<u>12.2. Persistence and</u>	No data



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### degradability

12.3. Bioaccumulative potential No data

12.4. Mobility in soil No data

12.5. Results of PBT and vPvB assessment Not available.

12.6. Other adverse effects Eco-toxicological data is for solvent naphtha.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

US EPA Waste Number: Not applicable

Waste Classification: (per US regulations) Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.  
NOTE: Generator is responsible for proper waste characterization. State (USA) hazardous waste regulations may differ substantially from federal (USA) regulations.

Waste Disposal: Dispose of this material in accordance with standard practice for disposal of potentially hazardous materials as required by applicable international, national, regional, state or local laws. Do NOT dump into any sewers, on the ground, or into any body of water. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Note that disposal regulations may also apply to empty containers and equipment rinsates.

## SECTION 14: Transport information

14.1. UN number Not applicable  
14.2. UN proper shipping name Chemicals, n.o.s. (Aliphatic Petroleum Distillates)  
14.3. Transport hazard class(es) Not applicable  
14.4. Packing group Not applicable  
14.5. Environmental hazards Not applicable  
14.6. Special precautions for user This material is only regulated for transport in container sizes > 119 gallons. See 49 CFR 173.150(f)(2) for further clarification. When regulated, the proper shipping name is: NA1993, Combustible liquids, n.o.s. (Petroleum Distillates), 3, PG III.

NA Emergency Guidebook Numbers: Not applicable  
IMDG EMS: Not applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information







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### Legend of abbreviations:

ACGIH = American Conference on Governmental Industrial Hygienists.  
CAS = Chemical Abstracts Service.  
CERCLA = Comprehensive Environmental, Response, Compensation and Liability Act (1990).  
CFR = Code of Federal Regulations.  
DSL/NDSL = Domestic Substances List/Non-Domestic Substances List.  
EC = European Community.  
EEC = European Economic Community.  
EINECS = European Inventory of Existing Commercial chemical Substances.  
ELINCS = European List of Notified Chemical Substances.  
EU = European Union.  
GHS = Globally Harmonized System.  
LC = Lethal concentration.  
LD = Lethal dose.  
MOL = Ministry of Labor.  
NEMA = National Emergency Management Agency.  
NFPA = National Fire Protection Association.  
NIOSH = National Institute of Occupational Safety and Health.  
NTP = National Toxicological Program.  
OSHA = Occupational Safety and Health Administration  
PEL = Permissible exposure limit.  
RQ = Reportable quantity.  
SARA = Superfund Amendments and Reauthorization Act of 1986.  
TLV = Threshold limit value.  
WHMIS = Workplace Hazardous Materials Information System.

**Precautionary Statement:** Please note that the information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

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**Revision Details:** Revised GHS classification in section 2. Revised transportation classification in section 14.