



SAFETY DATA SHEET

1. Identification

Material name: VIBRA-STAIN - 8 OZ MAHOGANY

Material: CVSC 0008 450

Recommended use and restriction on use

Recommended use: Coatings

Restrictions on use: Not known.

Manufacturer/Importer/Supplier/Distributor Information

EUCLID CHEMICAL COMPANY
19218 REDWOOD ROAD
CLEVELAND OH 44110
US

Contact person:

EH&S Department

Telephone:

216-531-9222

Emergency telephone number:

1-800-424-9300 (US); 1-613-996-6666 (Canada)

2. Hazard(s) identification

Hazard Classification

Physical Hazards

Flammable liquids Category 4

Health Hazards

Serious Eye Damage/Eye Irritation Category 2A

Unknown toxicity - Health

| | |
|--|---------|
| Acute toxicity, oral | 0 % |
| Acute toxicity, dermal | 7.71 % |
| Acute toxicity, inhalation, vapor | 100 % |
| Acute toxicity, inhalation, dust or mist | 92.29 % |

Unknown toxicity - Environment

| | |
|--|---------|
| Acute hazards to the aquatic environment | 32.69 % |
| Chronic hazards to the aquatic environment | 100 % |

Label Elements

Hazard Symbol:



Signal Word:

Warning



| | |
|---|--|
| Hazard Statement: | Combustible liquid. Causes serious eye irritation. |
| Precautionary Statement: | |
| Prevention: | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. |
| Response: | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use ... to extinguish. |
| Storage: | Store in well-ventilated place. Keep cool. |
| Disposal: | Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. |
| Other hazards which do not result in GHS classification: | None. |

3. Composition/information on ingredients

Mixtures

| Chemical Identity | CAS number | Content in percent (%)* |
|---------------------------------|------------|-------------------------|
| Glycol ether solvent | 112-34-5 | 40 - 70% |
| 2-Propoxyethanol (Glycol ether) | 2807-30-9 | 15 - 40% |
| Chromium | 7440-47-3 | 7 - 13% |

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

| | |
|----------------------|--|
| Ingestion: | Call a POISON CENTER/doctor/.../if you feel unwell. Rinse mouth. |
| Inhalation: | Move to fresh air. |
| Skin Contact: | Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention. |
| Eye contact: | Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention. |

Most important symptoms/effects, acute and delayed

Symptoms: Respiratory tract irritation.

Indication of immediate medical attention and special treatment needed

Treatment: Symptoms may be delayed.

**5. Fire-fighting measures**

General Fire Hazards: Move containers from fire area if you can do so without risk.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: Avoid water in straight hose stream; will scatter and spread fire.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Methods and material for containment and cleaning up: Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

Notification Procedures: In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

Environmental Precautions: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

7. Handling and storage

Precautions for safe handling: Avoid contact with eyes. Wash hands thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities: Store in a well-ventilated place. Store in a cool place.

8. Exposure controls/personal protection

**Control Parameters****Occupational Exposure Limits**

| Chemical Identity | type | Exposure Limit Values | Source |
|--|------|-----------------------|---|
| Glycol ether solvent - Inhalable fraction and vapor. | TWA | 10 ppm | US. ACGIH Threshold Limit Values (03 2013) |
| Chromium - as Cr | TWA | 0.5 mg/m3 | US. ACGIH Threshold Limit Values (2011) |
| | PEL | 1 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |

| Chemical name | type | Exposure Limit Values | Source |
|---------------------------------|-------|-----------------------|---|
| 2-Propoxyethanol (Glycol ether) | TWAEV | 25 ppm 110 mg/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| Chromium | TWA | 0.5 mg/m3 | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Chromium - as Cr | TWAEV | 0.5 mg/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| Chromium | TWA | 0.5 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |

Appropriate Engineering Controls

Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Mechanical ventilation or local exhaust ventilation may be required.

Individual protection measures, such as personal protective equipment**General information:**

Provide easy access to water supply and eye wash facilities. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Eye/face protection:

Wear safety glasses with side shields (or goggles).

Skin Protection**Hand Protection:**

Use suitable protective gloves if risk of skin contact.

Other:

Wear suitable protective clothing.



Respiratory Protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

Hygiene measures: Observe good industrial hygiene practices. Avoid contact with eyes. When using do not smoke.

9. Physical and chemical properties

Appearance

| | |
|--|---|
| Physical state: | liquid |
| Form: | liquid |
| Color: | Red brown |
| Odor: | Mild |
| Odor threshold: | No data available. |
| pH: | No data available. |
| Melting point/freezing point: | No data available. |
| Initial boiling point and boiling range: | No data available. |
| Flash Point: | > 62 °C > 143 °F(Tag closed cup) |
| Evaporation rate: | Slower than Ether |
| Flammability (solid, gas): | No |
| Upper/lower limit on flammability or explosive limits | |
| Flammability limit - upper (%): | No data available. |
| Flammability limit - lower (%): | No data available. |
| Explosive limit - upper (%): | No data available. |
| Explosive limit - lower (%): | No data available. |
| Vapor pressure: | No data available. |
| Vapor density: | Vapors are heavier than air and may travel along the floor and in the bottom of containers. |
| Relative density: | 1 |
| Solubility(ies) | |
| Solubility in water: | Soluble |
| Solubility (other): | No data available. |
| Partition coefficient (n-octanol/water): | No data available. |
| Auto-ignition temperature: | No data available. |
| Decomposition temperature: | No data available. |
| Viscosity: | No data available. |

10. Stability and reactivity

| | |
|--|---|
| Reactivity: | No data available. |
| Chemical Stability: | Material is stable under normal conditions. |
| Possibility of Hazardous Reactions: | No data available. |
| Conditions to Avoid: | Heat, sparks, flames. |



| | |
|--|---|
| Incompatible Materials: | Strong acids. Strong bases. |
| Hazardous Decomposition Products: | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. |

11. Toxicological information

Information on likely routes of exposure

| | |
|----------------------|---|
| Ingestion: | May be ingested by accident. Ingestion may cause irritation and malaise. |
| Inhalation: | In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes. |
| Skin Contact: | May be harmful in contact with skin. Causes mild skin irritation. |
| Eye contact: | Causes serious eye irritation. |

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

| | |
|-------------------|------------------------|
| Oral | |
| Product: | ATEmix: 8,667.94 mg/kg |
| Dermal | |
| Product: | ATEmix: 2,939.67 mg/kg |
| Inhalation | |
| Product: | No data available. |

| | |
|-------------------------------|--------------------|
| Repeated dose toxicity | |
| Product: | No data available. |

| | |
|----------------------------------|--------------------|
| Skin Corrosion/Irritation | |
| Product: | No data available. |

| | |
|--|--------------------|
| Serious Eye Damage/Eye Irritation | |
| Product: | No data available. |

| | |
|------------------------------------|--|
| Specified substance(s): | |
| Glycol ether solvent | in vivo (Rabbit, 24 - 72 hrs): Highly irritating |
| 2-Propoxyethanol (Glycol ether) | in vivo (Rabbit, 24 hrs): Category 2A |
| Chromium | in vivo (Rabbit, 1 hrs): Not irritating |

| | |
|--|--------------------|
| Respiratory or Skin Sensitization | |
| Product: | No data available. |

**Carcinogenicity****Product:** No data available.**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity**In vitro****Product:** No data available.**In vivo****Product:** No data available.**Reproductive toxicity****Product:** No data available.**Specific Target Organ Toxicity - Single Exposure****Product:** No data available.**Specific Target Organ Toxicity - Repeated Exposure****Product:** No data available.**Aspiration Hazard****Product:** No data available.**Other effects:** No data available.**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:****Fish****Product:** No data available.**Specified substance(s):**Glycol ether solvent LC 50 (Bluegill (*Lepomis macrochirus*), 96 h): 1,300 mg/l MortalityChromium LC 50 (Fathead minnow (*Pimephales promelas*), 96 h): 52 mg/l Mortality**Aquatic Invertebrates**



Product: No data available.

Specified substance(s):

Glycol ether solvent LC 50 (Water flea (*Daphnia magna*), 24 h): 2,850 mg/l Mortality

Chromium LC 50 (Spire snail (*Amnicola*), 24 h): 10.2 mg/l Mortality

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative Potential

Bioconcentration Factor (BCF)

Product: No data available.

Specified substance(s):

Chromium Rainbow trout, donaldson trout (*Oncorhynchus mykiss*), Bioconcentration Factor (BCF): 1.34 (Static)

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Specified substance(s):

Glycol ether solvent Log Kow: 0.56

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

13. Disposal considerations

Disposal instructions: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.



Contaminated Packaging: No data available.

14. Transport information

TDG:

Not Regulated

CFR / DOT:

Not Regulated

IMDG:

Not Regulated

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
| Chromium | 5000 lbs. |

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Fire Hazard
Immediate (Acute) Health Hazards

SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|---------------------------------|----------------------------|
| Glycol ether solvent | |
| 2-Propoxyethanol (Glycol ether) | |
| Chromium | 5000 lbs. |

**SARA 311/312 Hazardous Chemical**

| <u>Chemical Identity</u> | <u>Threshold Planning Quantity</u> |
|---------------------------------|------------------------------------|
| Glycol ether solvent | 500 lbs |
| 2-Propoxyethanol (Glycol ether) | 500 lbs |
| Chromium | 500 lbs |

SARA 313 (TRI Reporting)

| <u>Chemical Identity</u> |
|---------------------------------|
| Glycol ether solvent |
| 2-Propoxyethanol (Glycol ether) |
| Chromium |

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

US State Regulations**US. California Proposition 65**

No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act

| <u>Chemical Identity</u> |
|---------------------------------|
| Glycol ether solvent |
| 2-Propoxyethanol (Glycol ether) |
| Ethyl lactate |
| Chromium |

US. Massachusetts RTK - Substance List

| <u>Chemical Identity</u> |
|--------------------------|
| Ethyl lactate |
| Chromium |

US. Pennsylvania RTK - Hazardous Substances

| <u>Chemical Identity</u> |
|---------------------------------|
| Glycol ether solvent |
| 2-Propoxyethanol (Glycol ether) |
| Ethyl lactate |
| Chromium |

US. Rhode Island RTK

| <u>Chemical Identity</u> |
|---------------------------------|
| Glycol ether solvent |
| 2-Propoxyethanol (Glycol ether) |
| Chromium |

Other Regulations:

| | |
|--|----------------|
| Regulatory VOC (less water and exempt solvent): | 775 g/l |
| VOC Method 310: | Not available. |

**Inventory Status:**

| | |
|--|--|
| Australia AICS: | One or more components in this product are not listed on or exempt from the Inventory. |
| Canada DSL Inventory List: | All components in this product are listed on or exempt from the Inventory. |
| EINECS, ELINCS or NLP: | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan (ENCS) List: | One or more components in this product are not listed on or exempt from the Inventory. |
| China Inv. Existing Chemical Substances: | One or more components in this product are not listed on or exempt from the Inventory. |
| Korea Existing Chemicals Inv. (KECI): | One or more components in this product are not listed on or exempt from the Inventory. |
| Canada NDSL Inventory: | One or more components in this product are not listed on or exempt from the Inventory. |
| Philippines PICCS: | One or more components in this product are not listed on or exempt from the Inventory. |
| US TSCA Inventory: | All components in this product are listed on or exempt from the Inventory. |
| New Zealand Inventory of Chemicals: | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan ISHL Listing: | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan Pharmacopoeia Listing: | One or more components in this product are not listed on or exempt from the Inventory. |

16. Other information, including date of preparation or last revision

| | |
|-----------------------------|--------------------|
| Revision Date: | 08/04/2015 |
| Version #: | 1.0 |
| Further Information: | No data available. |



EUCLID CHEMICAL

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Revision Date: 08/04/2015

Disclaimer:

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