



SAFETY DATA SHEET

CONFORMS TO OSHA HAZARD COMMUNICATION STANDARD
(HCS) 29 CFR 1910.1200

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Revision Date 5/15/2017
Supersedes Date 5/18/2016

SECTION 1. IDENTIFICATION

Product identifier: JAX Violet Dye Pack
Part number: VDP55
Identified uses: Dye for non-food-grade lubricants
Uses advised against: Any use not specified above, or any use specified against elsewhere in this SDS.

Supplier: JAX INC.
W134 N5373 Campbell Drive
Menomonee Falls, WI 53051 USA

Email contact: info@jax.com

Non-emergency contact: Phone: 262-781-8850 Fax: 262-781-3906

Emergency telephone: INFOTRAC:
North America 1-800-535-5053 Australia 1-300-366-961 Germany 0800-181-2926
International 011-1-352-323-3500 (collect) China 400-120-0761

SECTION 2. HAZARD(S) IDENTIFICATION

Classification: Flammable Liquid Cat. 3; Acute Toxicity - Inhalation (Mists) Cat. 4; Skin Irritation/Corrosion Cat. 2; Carcinogenicity Cat. 2

Label elements

Pictograms:



Signal word: Warning

Hazard statements: Flammable liquid and vapor. Harmful if inhaled. Causes skin irritation. Suspected of causing cancer.

Precautionary statements: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/ sparks/ open flames/ hot surfaces. - No smoking. Keep container tightly closed. Ground/ Bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/ protective clothing/ eye protection/ face protection. Avoid breathing mist/ vapors/ spray. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use for extinction: CO2, powder or water spray. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell. If exposed or concerned: Get medical advice/ attention. Store locked up in a well-ventilated place. Keep cool. Dispose of contents/ container to industrial incineration plant.

Hazards not otherwise classified: May be harmful in contact with skin. Very toxic to aquatic life with long lasting effects.

Additional information: 20.5 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Chemical name	%	CAS #	Impurities
	White mineral oil (petroleum)	30-50	8042-47-5	None
	Xylene	20-30	1330-20-7	None
	Ethylbenzene	<5	100-41-4	None
	Glycol ether DPM	<5	34590-94-8	None

SECTION 4. FIRST-AID MEASURES

First aid measures

Eye contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin contact: Wash off immediately with plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Ingestion: Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

Inhalation: Move to fresh air. Consult a physician. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed: Harmful if inhaled. Causes skin irritation. Suspected of causing cancer.

Indication of any immediate medical attention and special treatment available: **Notes to Physician:** Treat symptomatically.

General information: Immediate medical attention is required. Show this material safety data sheet to the doctor in attendance. If symptoms persist, call a physician.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Do not use a solid water stream as it may scatter and spread fire.

Specific hazards: Flammable liquid and vapor. Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Keep people away from and upwind of spill/leak.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods for containment and cleaning up: **Containment:** Prevent further leakage or spillage if safe to do so. **Clean-Up:** Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert absorbent material.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Do not use mobile phones during handling. Never pierce, drill, grind, cut, saw or weld any empty container.

Conditions for safe storage, including any incompatibilities: Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure limits:	Chemical name	Exposure limit and source
	White mineral oil (petroleum)	5 mg/m ³ (oil mist), TWA, ACGIH
	Xylene	TWA: 100 ppm (OSHA PEL)
	Ethylbenzene	TWA: 100 ppm (OSHA PEL)
	Glycol ether DPM	606 mg/m ³ , TWA, ACGIH TLV

Exposure controls

Engineering controls: Showers
Eyewash stations
Ventilation systems. Apply technical measures to comply with the occupational exposure limits.
Process enclosure and/or ventilation systems.

Ventilation: Use in a well-ventilated area. See Engineering Controls.

- Personal hygiene:** When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
- Eye protection:** Wear safety glasses. If splash potential exists, wear full face shield or chemical goggles.
- Hand protection:** Wear protective gloves.
- Respiratory protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA-approved respiratory protection should be worn.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance / odor:</u>	Dark violet (purple) liquid with aromatic solvent odor	<u>Upper flammability limit:</u>	Not available
		<u>Lower flammability limit:</u>	Not available
<u>Physical state:</u>	Liquid	<u>Vapor pressure:</u>	Not available
<u>Odor threshold:</u>	Not available	<u>Vapor density:</u>	Not available
<u>pH:</u>	Not available	<u>Relative density:</u>	Not available
<u>Melting / freezing point:</u>	Not available	<u>Solubility in water:</u>	Not available
<u>Initial boiling point and boiling range:</u>	Not available	<u>Partition coefficient (n-octanol/water):</u>	Not available
<u>Flash point:</u>	107°F (42°C), ASTM D 56	<u>Autoignition temperature:</u>	Not available
<u>Evaporation rate:</u>	Not available	<u>Decomposition temperature:</u>	Not available
<u>Flammability (solid, gas):</u>	Not applicable	<u>Viscosity:</u>	Not available

SECTION 10. STABILITY AND REACTIVITY

<u>Reactivity:</u>	Not reactive under normal conditions.
<u>Chemical stability:</u>	Stable under recommended conditions.
<u>Possibility of hazardous reactions:</u>	Hazardous reactions are not expected to occur.
<u>Conditions and materials to avoid:</u>	Conditions to Avoid: Heat, flames and sparks. Take precautionary measures against static discharges. Heat (temperatures above flash point), sparks, ignition points, flames, static electricity. Incompatible Materials: None known based on information supplied.
<u>Hazardous decomposition products:</u>	May emit toxic fumes under fire conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact:	Suspected of causing cancer. 20.5 percent of the mixture consists of ingredient(s) of unknown acute toxicity.
Skin contact:	Causes skin irritation. May be harmful in contact with skin. Suspected of causing cancer. 20.5 percent of the mixture consists of ingredient(s) of unknown acute toxicity.
Inhalation:	Harmful if inhaled. Suspected of causing cancer. 20.5 percent of the mixture consists of ingredient(s) of unknown acute toxicity.
Ingestion:	Suspected of causing cancer. 20.5 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

<u>Component information:</u>	<u>Components</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
	White mineral oil (petroleum)	>5000 mg/kg (oral, rat)	Not available
	Xylene	4300 mg/kg (oral, rat)	47635 mg/l/4h (rat)
	Ethylbenzene	3500 mg/kg (oral, rat)	17.2 mg/l/4h (rat)
	Glycol ether DPM	5230 mg/kg (oral, rat)	Not available

Information on physical, chemical and toxicological effects

<u>Symptoms:</u>	See Section 4 of this SDS for symptoms.
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Delayed and immediate effects, and chronic effects, from short and long-terms exposure

Effects:	Harmful if inhaled. Causes skin irritation. May be harmful in contact with skin. Suspected of causing cancer. 20.5 percent of the mixture consists of ingredient(s) of unknown acute toxicity.
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Carcinogenicity: Contains Ethyl benzene (CAS # 100-41-4) which is classified as IARC Group 2B (possibly carcinogenic to humans) and Xylene (CAS # 100-41-4) which is classified as IARC Group 3 (not classifiable as to its carcinogenicity to humans).

Numerical measures of toxicity: Not determined

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Very toxic to aquatic life with long lasting effects.

<u>Component information:</u>	<u>Components</u>	<u>L(E)C₅₀</u>
	White mineral oil (petroleum)	Not available
	Xylene	3.82 mg/l/48h (daphnia magna)
	Ethylbenzene	1.8-2.4 mg/l/48h (daphnia magna)
	Glycol ether DPM	1919 mg/l/48h (Daphnia magna)

Persistence and degradability: Not determined

Bioaccumulative potential: Not determined

Mobility in soil: Not available

Other adverse effects: Not determined

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods: Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Consult national or regional authorities for proper disposal and reporting procedures.

SECTION 14. TRANSPORTATION INFORMATION

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

	<u>Proper Shipping Name:</u>	<u>UN Number:</u>	<u>Hazard Class:</u>	<u>Packing Group:</u>	<u>Remarks:</u>
<u>U.S. D.O.T.</u>	Flammable liquid, n.o.s. (Ethylbenzene, Xylene)	UN1993	3	III	Refer to Code of Federal Regulations, Title 49 (49 CFR) for additional information on provisions, packaging, and Limited Quantity exceptions.
<u>ADR/RID</u>	Flammable liquid, n.o.s. (Ethylbenzene, Xylene)	UN1993	3	III	None
<u>IMDG</u>	Flammable liquid, n.o.s. (Ethylbenzene, Xylene)	UN1993	3	III	None
<u>IATA</u>	Flammable liquid, n.o.s. (Ethylbenzene, Xylene)	UN1993	3	III	None

SECTION 15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA Section 302 Extremely Hazardous Substances: This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None

SARA Section 304 CERCLA Hazardous Substances: Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is subject to reporting to the National Response Center under CERCLA: Xylene (RQ = 100 lbs); Ethyl benzene (RQ = 1000 lbs)

SARA Section 313 Toxic Chemicals: This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: Xylene; Ethyl benzene; Glycol ether DPM

TSCA Inventory: All components of this material are on the U.S. TSCA Inventory.

U.S. State Regulations

California Proposition 65 Status: This product contains chemical(s) known to the State of California to cause birth defects or other reproductive harm.

California Proposition 65 Listed Components: Ethylbenzene (CAS # 100-41-4)

International Regulations

Canada:	This product has been classified in accordance with the hazard criteria of WHMIS 2015 and the SDS contains all of the information required by those regulations.
Japan MITI:	Not available
Australia:	Not available
Switzerland:	Not available

SECTION 16. OTHER INFORMATION

Sections Revised: Sections 3, 8, 11 and 12.

Revision Date: 5/15/2017

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*** END OF SDS ***