1. Identification

Product identifier  HP Indigo Imaging Agent for use with HP Indigo Digital Press WS6000 series, W7200 series, 7000 series and 8000 Q4314A

Other means of identification

Synonyms  Part Number Q4314A

Recommended use  HP product for use with HP Indigo Digital Presses WS6000 series, W7200 series, 7000 series and 8000

Recommended restrictions  None known.

Manufacturer/Importer/Supplier/Distributor information

HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112
United States

Telephone  650-857-5020

HP Inc. health effects line
(Toll-free within the US)  1-800-457-4209
(Direct)  1-760-710-0048

HP Inc. Customer Care Line
(Toll-free within the US)  1-800-474-6836
(Direct)  1-208-323-2551

Email:  hpcustomer.inquiries@hp.com

2. Hazard(s) identification

Physical hazards  Not classified.

Health hazards  Acute toxicity, oral  Category 4
Skin corrosion/irritation  Category 2
Serious eye damage/eye irritation  Category 2
Aspiration hazard  Category 1

Environmental hazards  Not classified.

OSHA defined hazards  Not classified.

Label elements

Signal word  Danger
Hazard statement  Harmful if swallowed.  May be fatal if swallowed and enters airways.  Causes skin irritation.  Causes serious eye irritation.

Precautionary statement

Prevention  Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product.
Response

If swallowed: Immediately call a poison center/doctor. If swallowed: Rinse mouth. Do NOT induce vomiting. 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. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum hydrocarbon</td>
<td></td>
<td>90622-58-5</td>
<td>&lt;90</td>
</tr>
<tr>
<td>Barium Sulfonate</td>
<td></td>
<td>61790-48-5</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Alkyd aryl sulfonate</td>
<td></td>
<td>26264-05-1</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>

Composition comments

This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard).

4. First-aid measures

Inhalation

If overcome by vapor, remove person from exposure to fresh air. If breathing is difficult, give oxygen. If symptoms persist, get medical attention.

Skin contact

Wash affected areas thoroughly with mild soap and water. Immediately take off all contaminated clothing. Wash clothing separately before reuse. Get medical attention if irritation develops or persists.

Eye contact

Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention. Do not apply neutralizing agents.

Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. If ingestion of a large amount does occur, seek medical attention.

Most important symptoms/effects, acute and delayed

Not available.

5. Fire-fighting measures

Suitable extinguishing media

Suitable extinguishing media: Dry chemical, CO2, water spray or regular foam.

Unsuitable extinguishing media

None known.

Specific hazards arising from the chemical

Refer to section 10.

Special protective equipment and precautions for firefighters

Not available.

Fire fighting equipment/instructions

Move containers from fire area if you can do it without risk. Evacuate area and fight fire from a safe distance.

Specific methods

Move container from fire area if it can be done without risk. Evacuate area and fight fire from a safe distance.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment.

Methods and materials for containment and cleaning up

In case of large spills, follow all facility emergency response procedures. Soak up with inert absorbent material. Slowly vacuum or sweep the material into a bag or other sealed container. Dispose of in compliance with federal, state, and local regulations. See also section 13 Disposal considerations.

Environmental precautions

Do not let product enter drains. Do not flush into surface water or sanitary sewer system.
7. Handling and storage

Precautions for safe handling
Avoid prolonged or repeated skin contact with this material. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Do not reuse the empty container. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities
Keep away from excessive heat or cold. Store in a cool and shaded area. Do not store in direct sunlight.

8. Exposure controls/personal protection

Occupational exposure limits
This mixture has no ingredients that have PEL, TLV, or other recommended exposure limit.

<table>
<thead>
<tr>
<th>ACGIH Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barium Sulfonate (CAS 61790-48-5)</td>
<td>STEL</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.5 mg/m³</td>
</tr>
</tbody>
</table>

Biological limit values
No biological exposure limits noted for the ingredient(s).

Exposure guidelines
Manufacturer recommended exposure limit based on petroleum hydrocarbon at > 80%. TWA = 171 ppm (1200 mg/m³).

Appropriate engineering controls
Use in a well ventilated area.

Individual protection measures, such as personal protective equipment

Eye/face protection
Not available.

Skin protection

Hand protection
Not available.

Other
Chemical resistant gloves.

Respiratory protection
Not available.

Thermal hazards
Not available.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment to minimize exposure to skin and eye.

9. Physical and chemical properties

Appearance
clear liquid

Physical state
Liquid.

Form
Not available.

Color
Light yellow.

Odor
mild hydrocarbon-like

Odor threshold
Not available.

pH
Not available.

Melting point/freezing point
Not available.

Initial boiling point and boiling range
370.4 °F (188 °C) (based on petroleum hydrocarbon)

Flash point
147.2 °F (64.0 °C) Pensky-Martens Closed Cup (based on Petroleum Hydrocarbon)

Evaporation rate
Not available.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Not available.

Flammability limit - upper (%)
Not available.

Explosive limit - lower (%)
Not available.

Explosive limit - upper (%)
Not available.

Vapor pressure
Not available.

Vapor density
Not available.
Solubility(ies)

Solubility (water) Not soluble in water

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

Other information

Oxidizing properties Not applicable.

Specific gravity 0.82

VOC 620 g/L (5.14 lbs/gal. US) (Calculated)

10. Stability and reactivity

Reactivity Not available.

Chemical stability Stable under recommended storage conditions.

Possibility of hazardous reactions Will not occur.

Conditions to avoid Not available.

Incompatible materials This product may react with strong oxidizing agents.

Hazardous decomposition products Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. Toxicological information

Information on likely routes of exposure

Inhalation Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation. Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin contact Contact with skin may result in mild irritation.

Eye contact Contact with eyes may result in mild irritation.

Ingestion Ingestion is not a likely route of exposure. Health injuries are not known or expected under normal use.

Symptoms related to the physical, chemical and toxicological characteristics Not available.

Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barium Sulfonate (CAS 61790-48-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Oral LD50 Rat</td>
<td></td>
<td>&gt;= 2000 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation Not available.

Serious eye damage/eye irritation Not available.

Respiratory or skin sensitization

Respiratory sensitization Not available.

Skin sensitization Not available.

Germ cell mutagenicity Not available.

Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.
<table>
<thead>
<tr>
<th><strong>Reproductive toxicity</strong></th>
<th>Not available.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Specific target organ toxicity - single exposure</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Specific target organ toxicity - repeated exposure</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Aspiration hazard</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Further information</strong></td>
<td>No data is available on the product itself.</td>
</tr>
</tbody>
</table>

12. Ecological information

| **Ecotoxicity** | No ecotoxicity data noted for the ingredient(s). |
|-----------------|------------------------------------------------|---|
| **Persistence and degradability** | Not available. |
| **Bioaccumulative potential** | Not available. |
| **Mobility in soil** | Not available. |
| **Other adverse effects** | Not available. |

13. Disposal considerations

| **Disposal instructions** | Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor. |

14. Transport information

<table>
<thead>
<tr>
<th><strong>DOT</strong></th>
<th>Not regulated as dangerous goods.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IATA</strong></td>
<td>Not regulated as dangerous goods.</td>
</tr>
<tr>
<td><strong>IMDG</strong></td>
<td>Not regulated as dangerous goods.</td>
</tr>
<tr>
<td><strong>ADR</strong></td>
<td>Not regulated as dangerous goods.</td>
</tr>
<tr>
<td><strong>Further information</strong></td>
<td>Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.</td>
</tr>
</tbody>
</table>

15. Regulatory information

<table>
<thead>
<tr>
<th><strong>US federal regulations</strong></th>
<th>US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA. US TSCA 12(b): Does not contain listed chemicals.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</strong></td>
<td>Not regulated.</td>
</tr>
<tr>
<td><strong>CERCLA Hazardous Substance List (40 CFR 302.4)</strong></td>
<td>Not listed.</td>
</tr>
<tr>
<td><strong>SARA 304 Emergency release notification</strong></td>
<td>Not regulated.</td>
</tr>
<tr>
<td><strong>Superfund Amendments and Reauthorization Act of 1986 (SARA)</strong></td>
<td>Immediate Hazard - Yes, Delayed Hazard - No, Fire Hazard - No, Pressure Hazard - No, Reactivity Hazard - No</td>
</tr>
<tr>
<td><strong>Hazard categories</strong></td>
<td>SARA 302 Extremely hazardous substance - Not listed. SARA 311/312 Hazardous chemical - No</td>
</tr>
</tbody>
</table>

Material name: Q4314A

10588 Version #: 06 Revision date: 25-Dec-2018 Issue date: 04-Jun-2014
Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
Not Listed

Regulatory information
All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

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

Issue date 04-Jun-2014
Revision date 25-Dec-2018
Version # 06
Other information This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

Disclaimer
This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.

Explanation of abbreviations

ACGIH American Conference of Governmental Industrial Hygienists
CAS Chemical Abstracts Service
CERCLA Comprehensive Environmental Response Compensation and Liability Act
CFR Code of Federal Regulations
COC Cleveland Open Cup
DOT Department of Transportation
EPCRA Emergency Planning and Community Right-to-Know Act (aka SARA)
IARC International Agency for Research on Cancer
NIOSH National Institute for Occupational Safety and Health
NTP National Toxicology Program
OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
RCRA Resource Conservation and Recovery Act
REC Recommended
REL Recommended Exposure Limit
SARA Superfund Amendments and Reauthorization Act of 1986
STEL Short-Term Exposure Limit
TCLP Toxicity Characteristics Leaching Procedure
TLV Threshold Limit Value
TSCA Toxic Substances Control Act
VOC Volatile Organic Compounds