SAFETY DATA SHEET

1. Identification
Product number 1000002135
Product identifier 1563157 11.5 oz White Blockout Ink Q.S.
Company information DIAGRAPH MARKING & CODING
5307 MEADOWLAND PARKWAY
MARION, IL 62959 United States
Company phone General Assistance 800-521-3047
Emergency telephone US Infotrac: 800-535-5053 (US only)
Emergency telephone outside US +1-352-323-3500 international
Version # 01
Recommended use COATING
Recommended restrictions None known.

2. Hazard(s) identification
Physical hazards Flammable aerosols Category 1
Health hazards Serious eye damage/eye irritation Category 2A
Specific target organ toxicity, single exposure Category 3 narcotic effects
Aspiration hazard Category 1
OSHA defined hazards Not classified.
Label elements

Signal word Danger
Hazard statement Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes serious eye irritation. May cause drowsiness or dizziness.

Precautionary statement
Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection.
Response If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.
Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
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>Acetone</td>
<td></td>
<td>67-64-1</td>
<td>20 - 40</td>
</tr>
<tr>
<td>Butane</td>
<td></td>
<td>106-97-8</td>
<td>10 - 20</td>
</tr>
</tbody>
</table>
### Chemical name | Common name and synonyms | CAS number | %
--- | --- | --- | ---
Propane | 74-98-6 | 10 - 20 |
Solvent Naphtha (Petroleum), Light Aliphatic | 64742-89-8 | 10 - 20 |
Propylene Glycol Monomethyl Ether Acetate | 108-65-6 | 1 - 2.5 |
Solvent Naphtha (petroleum), Light Aromatic | 64742-95-6 | 0.1 - 1 |
Other components below reportable levels | | 20 - 40 |

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

**Inhalation**
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin contact**
Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact**
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion**
Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**Most important symptoms/effects, acute and delayed**
Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Indication of immediate medical attention and special treatment needed**
Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General information**
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 5. Fire-fighting measures

**Suitable extinguishing media**
Alcohol resistant foam. Powder. Carbon dioxide (CO2).

**Unsuitable extinguishing media**
Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**
Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Fire fighting equipment/instructions**
Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.

**General fire hazards**
Extremely flammable aerosol.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up**
Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

**Environmental precautions**
Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>PEL</td>
<td>2400 mg/m3</td>
</tr>
<tr>
<td>Propane (CAS 74-98-6)</td>
<td>PEL</td>
<td>1800 mg/m3</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>STEL</td>
<td>500 ppm</td>
</tr>
<tr>
<td>Butane (CAS 106-97-8)</td>
<td>TWA</td>
<td>250 ppm</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>TWA</td>
<td>590 mg/m3</td>
</tr>
<tr>
<td>Butane (CAS 106-97-8)</td>
<td>TWA</td>
<td>1900 mg/m3</td>
</tr>
<tr>
<td>Propane (CAS 74-98-6)</td>
<td>TWA</td>
<td>1800 mg/m3</td>
</tr>
</tbody>
</table>

US. Workplace Environmental Exposure Level (WEEL) Guides

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6)</td>
<td>TWA</td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

Biological limit values

ACGIH Biological Exposure Indices

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>25 mg/l</td>
<td>Acetone</td>
<td>Urine</td>
<td>*</td>
</tr>
</tbody>
</table>

Exposure guidelines

**US - California OELs: Skin designation**

Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6) Can be absorbed through the skin.

**Appropriate engineering controls**

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. Provide eyewash station.
## Individual protection measures, such as personal protective equipment

### Eye/face protection
- Wear safety glasses with side shields (or goggles).

### Skin protection
- **Hand protection**: Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

### Other
- Wear suitable protective clothing.

### Respiratory protection
- If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

### Thermal hazards
- Wear appropriate thermal protective clothing, when necessary.

## General hygiene considerations
- When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance
- **Physical state**: Gas.
- **Form**: Aerosol.
- **Color**: Not available.
- **Odor**: Not available.
- **Odor threshold**: Not available.
- **pH**: Not available.

### Melting point/freezing point
- Not available.

### Initial boiling point and boiling range
- **132.89 °F (56.05 °C) estimated**

### Flash point
- **-156.0 °F (-104.4 °C) PROPELLANT estimated**

### Evaporation rate
- Not available.

### Flammability (solid, gas)
- Not available.

### Upper/lower flammability or explosive limits
- **Flammability limit - lower (%)**: 2.2 % estimated
- **Flammability limit - upper (%)**: 10.8 % estimated
- **Explosive limit - lower (%)**: Not available.
- **Explosive limit - upper (%)**: Not available.

### Vapor pressure
- **45 - 65 psig @70F estimated**

### Vapor density
- Not available.

### Relative density
- Not available.

### Solubility(ies)
- **Solubility (water)**: Not available.
- **Partition coefficient (n-octanol/water)**: Not available.

### Auto-ignition temperature
- **822.76 °F (439.31 °C) estimated**

### Decomposition temperature
- Not available.

### Viscosity
- Not available.

### Other information
- **Explosive properties**: Not explosive.
- **Heat of combustion (NFPA 30B)**: **34.49 kJ/g estimated**
- **Oxidizing properties**: Not oxidizing.
- **Percent volatile**: **61.41 % estimated**
- **Specific gravity**: **0.414 estimated**
10. Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Material is stable under normal conditions.

Possibility of hazardous reactions
Hazardous polymerization does not occur.

Conditions to avoid
Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials

Hazardous decomposition products
No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation
May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.

Skin contact
No adverse effects due to skin contact are expected.

Eye contact
Causes serious eye irritation.

Ingestion
Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics
Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity
May be fatal if swallowed and enters airways. Narcotic effects.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Dermal LD50</td>
<td>Guinea pig</td>
<td>&gt; 7426 mg/kg, 24 Hours</td>
</tr>
<tr>
<td></td>
<td>Rabbit</td>
<td>&gt; 7426 mg/kg, 24 Hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 9.4 ml/kg, 24 Hours</td>
</tr>
<tr>
<td>Inhalation LC50</td>
<td>Rat</td>
<td>55700 ppm, 3 Hours</td>
</tr>
<tr>
<td>Oral LD50</td>
<td>Rat</td>
<td>5800 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.2 ml/kg</td>
</tr>
<tr>
<td>Butane (CAS 106-97-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Inhalation LC50</td>
<td>Mouse</td>
<td>1237 mg/l, 120 Minutes</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>1355 mg/l</td>
</tr>
<tr>
<td>Propane (CAS 74-98-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Inhalation LC50</td>
<td>Mouse</td>
<td>1237 mg/l, 120 Minutes</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>1355 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>658 mg/l/4h</td>
</tr>
<tr>
<td>Components</td>
<td>Species</td>
<td>Test Results</td>
</tr>
<tr>
<td>------------</td>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6)</td>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Dermal</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>LD50</strong></td>
<td><strong>Rat</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Oral</strong></td>
<td></td>
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<tr>
<td></td>
<td><strong>LD50</strong></td>
<td><strong>Rat</strong></td>
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<tr>
<td>Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8)</td>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Dermal</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>LD50</strong></td>
<td><strong>Rabbit</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Inhalation</strong></td>
<td></td>
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<tr>
<td></td>
<td><strong>LC50</strong></td>
<td><strong>Rat</strong></td>
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<tr>
<td></td>
<td><strong>Oral</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>LD50</strong></td>
<td><strong>Rat</strong></td>
</tr>
<tr>
<td>Solvent Naphtha (petroleum), Light Aromatic (CAS 64742-95-6)</td>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Dermal</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>LD50</strong></td>
<td><strong>Rabbit</strong></td>
</tr>
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<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td><strong>LC50</strong></td>
<td><strong>Rat</strong></td>
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<tr>
<td></td>
<td><strong>Oral</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>LD50</strong></td>
<td><strong>Rat</strong></td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation**
- Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation**
- Causes serious eye irritation.

**Respiratory or skin sensitization**
- **Respiratory sensitization**
  - Not a respiratory sensitizer.
- **Skin sensitization**
  - This product is not expected to cause skin sensitization.

**Germ cell mutagenicity**
- No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**
- This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**IARC Monographs. Overall Evaluation of Carcinogenicity**
- Not listed.

- Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**
- Not listed.

**Reproductive toxicity**
- This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure**
- May cause drowsiness and dizziness.

**Specific target organ toxicity - repeated exposure**
- Not classified.
12. Ecological information

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Components

<table>
<thead>
<tr>
<th>Component Description</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td><strong>Aquatic</strong>&lt;br&gt;Crustacea&lt;br&gt;Fish</td>
<td>EC50&lt;br&gt;LC50</td>
</tr>
<tr>
<td>Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6)</td>
<td><strong>Aquatic</strong>&lt;br&gt;Crustacea</td>
<td>EC50</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

**Persistence and degradability**

No data is available on the degradability of this product.

**Bioaccumulative potential**

**Partition coefficient n-octanol / water (log Kow)**

- Acetone: -0.24
- Butane: 2.89
- Propane: 2.36

**Mobility in soil**

No data available.

**Other adverse effects**

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

**Disposal instructions**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations**

Dispose in accordance with all applicable regulations.

**Hazardous waste code**

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging**

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

14. Transport information

**DOT**

<table>
<thead>
<tr>
<th>UN number</th>
<th>Aerosols, flammable, (each not exceeding 1 L capacity)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UN number</strong></td>
<td>UN1950</td>
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<tr>
<td><strong>UN proper shipping name</strong></td>
<td>Aerosols, flammable</td>
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<td><strong>Transport hazard class(es)</strong></td>
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<tr>
<td><strong>Class</strong></td>
<td>2.1</td>
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<tr>
<td><strong>Subsidiary risk</strong></td>
<td>-</td>
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<tr>
<td><strong>Label(s)</strong></td>
<td>N82</td>
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<tr>
<td><strong>Packing group</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Special precautions for user</strong></td>
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<tr>
<td><strong>Special provisions</strong></td>
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<tr>
<td><strong>Packaging exceptions</strong></td>
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<tr>
<td><strong>Packaging non bulk</strong></td>
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<tr>
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</tbody>
</table>

**IATA**

<table>
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<tr>
<td><strong>UN number</strong></td>
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<tr>
<td><strong>UN proper shipping name</strong></td>
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</table>
### Transport hazard class(es)

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<tr>
<th>Class</th>
<th>2.1</th>
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<tbody>
<tr>
<td>Subsidiary risk</td>
<td>-</td>
</tr>
<tr>
<td>Label(s)</td>
<td>2.1</td>
</tr>
</tbody>
</table>

### Packing group

Not applicable.

### Environmental hazards

No.

### ERG Code

10L

### Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

### Other information

- **Passenger and cargo aircraft**
  - Allowed with restrictions.
- **Cargo aircraft only**
  - Allowed with restrictions.
- **Packaging Exceptions**
  - LTD QTY

### IMDG

- **UN number**
  - UN1950
- **UN proper shipping name**
  - AEROSOLS
- **Transport hazard class(es)**
  - **Class**
    - 2.1
  - **Subsidiary risk**
    - -
  - **Label(s)**
    - None
  - **Packing group**
    - Not applicable.
- **Marine pollutant**
  - No.
- **EmS**
  - F-D, S-U
- **Special precautions for user**
  - Read safety instructions, SDS and emergency procedures before handling.
- **Packaging Exceptions**
  - LTD QTY
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
  - Not applicable.

### DOT

![FLAMMABLE GAS](image)

### IATA; IMDG

15. **Regulatory information**

**US federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td></td>
</tr>
</tbody>
</table>

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Product name: 1563157 11.5 oz White Blockout Ink Q.S.

SDS #: 42597  Version #: 01  Issue date: 07-09-2018
SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Immediate Hazard - Yes</th>
<th>Delayed Hazard - No</th>
<th>Fire Hazard - Yes</th>
<th>Pressure Hazard - No</th>
<th>Reactivity Hazard - No</th>
</tr>
</thead>
</table>

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated.

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)
Butane (CAS 106-97-8)
Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA)

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
- Acetone (CAS 67-64-1) 6532

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
- Acetone (CAS 67-64-1) 35 %WV

DEA Exempt Chemical Mixtures Code Number
- Acetone (CAS 67-64-1) 6532

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)
Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
- Acetone (CAS 67-64-1)
- Butane (CAS 106-97-8)
- Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8)
- Solvent Naphtha (petroleum), Light Aromatic (CAS 64742-95-6)

US. Massachusetts RTK - Substance List
- Acetone (CAS 67-64-1)
- Butane (CAS 106-97-8)
- Propane (CAS 74-98-6)

US. New Jersey Worker and Community Right-to-Know Act
- Acetone (CAS 67-64-1)
- Butane (CAS 106-97-8)
- Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law
- Acetone (CAS 67-64-1)
- Butane (CAS 106-97-8)
- Propane (CAS 74-98-6)

US. Rhode Island RTK
- Acetone (CAS 67-64-1)
- Butane (CAS 106-97-8)
- Propane (CAS 74-98-6)
US. California Proposition 65
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>No</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

Issue date: 07-09-2018
Version #: 01

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision information

Product and Company Identification: Alternate Trade Names