1. IDENTIFICATION

Product
Product Name: Smith’s Liquid Dye
Product Color: Red
Product Code: SLD-50

Recommended Use: Professional use. Coloring agent.
Uses advised against: No information available

Company: Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(717) 233-8781

Emergency telephone number: Chemtrec (800) 424-9300

2. HAZARDS IDENTIFICATION

Classification
Specific target organ toxicity (single exposure) Category 3
Flammable Liquids Category 4

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word
Warning

Hazard Statements
H336 – May cause drowsiness or dizziness
Combustible liquid

Appearance red liquid
Physical state liquid
Odor ether-like odor

Precautionary Statements
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P271 - Use in a well-ventilated area
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 - Call a POISON CENTER or doctor if you feel unwell
P405 – Store locked up
P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish
P403 + P235 - Store in a well-ventilated place. Keep cool
P501 - Dispose of contents/container to industrial incineration plant
Hazards not otherwise classified (HNOC)

Unknown acute toxicity
18 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACID RED 357 CRUDE</td>
<td>73507-64-9</td>
<td>15-20</td>
</tr>
<tr>
<td>ETHOXY PROPAHOL</td>
<td>1569-02-4</td>
<td>15-20</td>
</tr>
<tr>
<td>DE-IONIZED WATER</td>
<td>7732-18-5</td>
<td>15-20</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact - Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. 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 soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Immediate medical attention is not required.

Inhalation - Move to fresh air. If symptoms persist, call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors or decomposition products.

Ingestion - Immediate medical attention is not required. Rinse mouth. Drink plenty of water. 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.

General advice - If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES


Unsuitable Extinguishing Media – Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical – Keep product and empty container away from heat and source ignition. Risk of ignition and flammable.

Explosion data
Sensitivity to Mechanical Impact - none.
Sensitivity to Static Discharge - Yes

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions - Use personal protective equipment. Avoid contact with the skin and the eyes. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

Environmental precautions - Prevent entry into waterways, sewers, basements or confined areas. Do not flush into water or sanitary sewer system. Prevent product from entering drains.
Methods for Containment - Prevent further leakage or spillage if safe to do so.

Methods for cleaning up - Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains. Dam up. Take precautionary measures against static discharges.

7. HANDLING AND STORAGE

Advice on 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.


Incompatible products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Exposure Guidelines</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical name</td>
<td>ACID RED 357 CRUDE</td>
<td>TWA Total dust 10 mg/m³ respirable</td>
<td>TWA Total 15 mg/m³ respirable</td>
</tr>
</tbody>
</table>

Exposure Guidelines – Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Exposure controls
Engineering Measures – Showers, eyewash stations and ventilation systems. Apply technical measures to comply with the occupational exposure limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face Protection - Safety goggles, face-shield and eyewash fountains should be provided in areas where there is any possibility that workers could be exposed to the substances.

Skin and body protection - Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection - If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene measures - When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical and chemical properties</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor</td>
<td>mild ether</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Boiling point/boiling range  
< 100 °C / 212 °F
Flash point  
> 73 °C / > 165 °F
Evaporation rate  
No data available
Flammability (solid, gas)  
No data available
Flammability Limits in Air  
Upper flammability limit  
No information available
Lower flammability limit  
No information available
Vapor Pressure  
No information available
Vapor density  
No information available
Specific gravity  
1.11
Solubility in other solvents  
100% Water, Acetone, denature alcohol
Partition coefficient:  
n-octanol/water  
No information available
Autoignition temperature  
No data available
Decomposition temperature  
No information available
Explosive properties  
No information available
Oxidizing properties  
No information available
Softening point  
No information available
VOC g/l  
<22.6
Density  
No information available
Bulk density  
No information available

10. STABILITY AND REACTIVITY

Reactivity – No data available

Chemical stability - Stable under recommended storage conditions.

Hazardous Reactions - None under normal processing

Conditions to Avoid – Heat, flames and sparks. Take precautionary measures against static charges. Heat (temperatures above flash point), sparks, ignition points, flames and static electricity.

Incompatible Materials - None known based on information supplied.

Hazardous Decomposition Products - May emit toxic fumes under fire conditions.

11. TOXICOLOGICAL INFORMATION

Product Information

Inhalation  
Avoid breathing vapors or mists.
Eye contact  
Avoid contact with eye.
Skin contact  
May be harmful in contact with skin.
Ingestion  
Not an expected route of exposure. Do not taste or swallow.

Chemical name  
ACID RED 357 CRUDE
735507-64-9
LD50 Oral  
no data available
LD50 Dermal  
no data available
LC50 Inhalation  
no data available

Information on toxicological effects

Symptoms  
No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization  
No information available.

germ cell mutagenicity  
No information available.

Carcinogenicity

Chemical name  
ACID RED 357 CRUDE
735507-64-9
ACGIH  
IARC  
Group 3
NTP  
OSHA
IARC: (International Agency for Research on Cancer)
Group 3 – Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity  No information available.
Specific target organ systemic  No information available
Specific target organ systemic toxicity (single exposure)  May cause adverse liver effects.
Specific target organ systemic toxicity (repeated exposure)  Blood, central nervous system, eyes, kidney, liver, lungs, respiratory system, skin
Chronic toxicity  No information available.
Target Organ Effects  Blood, central nervous system, eyes, kidney, liver, lungs, respiratory system, skin
Aspiration hazard  No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity  18 percent of the mixture consists of ingredient(s) of unknown acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)  12941 mg/kg
ATEmix (dermal)  23824 mg/kg
ATEmix (inhalation-vapor)  125.3 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

35% of the mixture consists of components(s) of unknown hazards to the aquatic environment

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHOXY PROPAHOL 1569-02-4</td>
<td>10000: 24 h Pimephales promelas mg/L LC50 static</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence and degradability  No information available.
Bioaccumulation  No information available
Other adverse effects  No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods - Should not be released into the environment. This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with all applicable national environmental laws and regulations. Dispose of in accordance with local regulations.

Contaminated packaging - Do not re-use empty containers. Dispose of in accordance with local regulations.

US EPA Waste Number – D001

This product contains one or more substances that are listed with the State of California as a hazardous waste

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACID RED 357 CRUDE 73507-64-9</td>
<td>Toxic, Corrosive, Ignitable</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT  Not regulated
MEX
IATA  Not regulated
IMDG  Not regulated

Page 5 of 7
## 15. REGULATORY INFORMATION

### International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Listed</td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td>--</td>
</tr>
<tr>
<td>DSL</td>
<td>Listed</td>
</tr>
<tr>
<td>NDSL</td>
<td>not determined</td>
</tr>
<tr>
<td>PICCS</td>
<td>Listed</td>
</tr>
<tr>
<td>ENCS</td>
<td>not determined</td>
</tr>
<tr>
<td>IECSC</td>
<td>Listed</td>
</tr>
<tr>
<td>AICS</td>
<td>Listed</td>
</tr>
<tr>
<td>KECL</td>
<td>Listed</td>
</tr>
<tr>
<td>NZIoC</td>
<td>not determined</td>
</tr>
</tbody>
</table>

### Legend

- **TSCA**: United States Toxic Substances Control Act Section 8(b) Inventory
- **EINECS/ELINCS**: European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
- **DSL/NDSL**: Canadian Domestic Substances List/Non-Domestic Substances List
- **PICCS**: Philippines Inventory of Chemicals and Chemical Substances
- **ENCS**: Japan Existing and New Chemical Substances
- **IECSC**: China Inventory of Existing Chemical Substances
- **AICS**: Australian Inventory of Chemical Substances
- **KECL**: Korean Existing and Evaluated Chemical Substances
- **NZIoC**: New Zealand Inventory of Chemicals

**REACH registration number** – Supplier has taken all relative steps to ensure REACH-Compliance. Please contact us with any REACH-Related questions at info@smithpaints.com

### RESTRICTIONS - REACH TITLE VIII

No information available

### US Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHOXY PROPANOL</td>
<td>1.0</td>
</tr>
<tr>
<td>ACID RED 357 CRUDE</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**SARA 311/312 Hazard Categories**

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

### Clean Water Act

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA – Reportable Quantities</th>
<th>CWA – Toxic Pollutants</th>
<th>CWA – Priority Pollutants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid Red 357 Crude</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

**CERCLA** - This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the
Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations**

California Proposition 65 - This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACID RED 357 CRUDE</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

**International Regulations**

Mexico - Grade Moderate risk, Grade 2.

Canada

**WHMIS Note**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR

**WHMIS Hazard Class**

B3 Combustible

**HMIS**

Health Hazard 2 Flammability 2 Physical Hazard 0 Personal Protection H

**16. OTHER INFORMATION**

Date of Preparation 5 / 2014

**Special Note:** The material contained in this Material Safety Data Sheet is based on information supplied to Smith Paint Products by the raw material suppliers of the individual components of this product and Smith Paint Products believes this information is reliable. However, no warranty is expressed or implied regarding the accuracy of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and health and safety of your employees and users of this material.