



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

Chemical name	CAS-No	Weight %
ACID RED 357 CRUDE	73507-64-9	15-20
ETHOXY PROPANOL	1569-02-4	15-20
DE-IONIZED WATER	7732-18-5	15-20

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

Suitable Extinguishing Media – Use dry chemical. Carbon dioxide. (CO₂). Water spray. Alcohol-resistant foam.

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.

Technical measures/Storage conditions - Keep container tightly closed. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat and sources of ignition. Keep in properly labeled containers. Keep away from heat.

Incompatible products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
ACID RED 357 CRUDE	10 mg/m ³ TWA Total dust 3 mg/m ³ Respirable	15 mg/m ³ TWA Total dust 5 mg/m ³ Respirable	IDHL: 15 mg/m ³ Cr(VI) IDHL: 25 mg/m ³ Cr (III) TWA 0.00021 mg/m ³ Cr TWA: 0.5 mg/m ³ Cr

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

physical and chemical properties

Physical state	liquid	Odor mild ether
Odor Threshold	No information available	

Property	Values
pH	No information available
Melting point	N/A



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	LD50 Oral	LD50 Dermal	LC50 Inhalation
ACID RED 357 CRUDE 735507-64-9	no data available	no data available	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	ACGIH	IARC	NTP	OSHA
ACID RED 357 CRUDE 735507-64-9		Group 3		



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 toxicity (single exposure)	No information available
Specific target organ systemic toxicity (repeated exposure)	
Chronic toxicity	May cause adverse liver effects.
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

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
ETHOXY PROPANOL 1569-02-4		10000: 24 h Pimephales promelas mg/L LC50 static	

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

Chemical Name	California Hazardous Waste Status
ACID RED 357 CRUDE 73507-64-9	Toxic Corrosive Ignitable

14. TRANSPORT INFORMATION

DOT Not regulated

MEX

IATA Not regulated

IMDG Not regulated



RID

ADN

15. REGULATORY INFORMATION

International Inventories

TSCA	Listed
EINECS/ELINCS	--
DSL	Listed
NDSL	not determined
PICCS	Listed
ENCS	not determined
IECSC	Listed
AICS	Listed
KECL	Listed
NZIoC	not determined

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:

Chemical name	SARA 313 - Threshold Values %
ETHOXY PROPANOL	1.0
ACID RED 357 CRUDE	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes.
Chronic Health Hazard	No.
Fire Hazard	Yes.
Sudden release of pressure hazard	No.
Reactive Hazard	No.

Clean Water Act

Chemical Name	CWA – Reportable Quantities	CWA - Toxic Pollutants	CWA – Priority Pollutants
Acid Red 357 Crude		X	

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

Chemical name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
ACID RED 357 CRUDE		X	X	X	

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.