

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Rit Liquid Dyes, all Variants including ColorPerfect
Recommended Use	Dyestuff

Supplier Address	
Phoenix Brands LLC	
2855 North Franklin Road, #7,	
Indianapolis, Indiana, 46219 US	
Cons Service Phone:1-866-794-0800	
Emergency Contact: PROSAR IPC;	
Phone: 1-651-632-8955	

--	--

Company Emergency: PROSAR IPC; Phone Number	1-651-632-8955
--	----------------

2. HAZARDS IDENTIFICATION

CAUTION!	
----------	--

Emergency Overview	
May Cause Skin & Eye Irritation	

--	--

Appearance	Various Colors
------------	----------------

Physical State	Liquid
----------------	--------

Odor	Slight
------	--------

--	--

Potential Health Effects	
Principle Routes of Exposure	Skin contact.
Acute Toxicity	
Eyes	May cause irritation.

	Skin	May cause irritation. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
	Inhalation	Not an expected route of exposure.
	Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Effects		Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
Aggravated Medical Conditions		Skin disorders.
Interactions with Other Chemicals		Irritants. Sensitizers. Epoxies.
Environmental Hazard		See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Sodium chloride	7647-14-5	15-40
Proprietary dyes	N/A	0-15
Water	7732-18-5	60-100

4. FIRST AID MEASURES

	General Advice	If symptoms persist, call a physician.
	Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
	Skin Contact	Wash skin with soap and water.
	Inhalation	Rinse mouth with water, expectorate and drink plenty of water, remove to fresh air
	Ingestion	Rinse mouth. Drink plenty of water. Do NOT induce vomiting.
	Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties		Not Flammable.
Flash Point		250A°C/482A°F
Suitable Extinguishing Media		Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Uniform Fire Code		- Non-combustible liquid - Sensitizer: Liquid
Hazardous Combustion Products		Carbon oxides.
Explosion Data		
	Sensitivity to Mechanical Impact	Not Sensitive.
	Sensitivity to Static Discharge	Not Sensitive.

Specific Hazards Arising from the Chemical
none.

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.

NFPA

Health Hazard 2

	Flammability 1		
--	-----------------------	--	--

	Stability 0		
--	--------------------	--	--

	Physical and Chemical Hazards -		
--	--	--	--

--

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment.
Environmental Precautions	Do not flush into surface water or sanitary sewer system. Refer to protective measures listed in Sections 7 and 8.
Methods for Containment	Prevent loss. Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Dam up. Soak up with inert absorbent material. Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.
Storage	Keep tightly closed in a dry and cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines	
----------------------------	--

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Silicon dioxide 7631-86-9	10 mg/m ³	20 mppcf TWA; ((80)/(% SiO ₂) mg/m ³)	IDLH: 3000 mg/m ³ TWA: 6 mg/m ³
Particles not otherwise specified	N/A	50 mppcf, 15mppcf (respirable)	N/A

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
Engineering Measures	Showers Eyewash stations Ventilation systems

Personal Protective Equipment

Eye/Face Protection	Tightly fitting safety goggles.
Skin and Body Protection	Protective gloves.
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.
-------------------------	--

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Various colors		

	Odor	Slight.	
--	------	---------	--

Odor Threshold	No information available.		

	Physical State	Aqueous liquid	
--	----------------	----------------	--

pH	No information available.		

Flash Point	No information available.		

	Autoignition Temperature	No information available.	
--	--------------------------	---------------------------	--

Decomposition Temperature	No information available.		

	Boiling Point/Range c 200 F est	Similar to Water.	
--	------------------------------------	-------------------	--

Melting Point/Range	No information available.		

Flammability Limits in Air	No information available.		

--	--	--	--

	Explosion Limits	No information available.	
--	------------------	---------------------------	--

--	--

--

Water Solubility	Soluble in water.
-------------------------	-------------------

	Solubility	No information available.
--	-------------------	---------------------------

Evaporation Rate	No information available.
-------------------------	---------------------------

	Vapor Pressure	No data available.
--	-----------------------	--------------------

Vapor Density	No data available.
----------------------	--------------------

	VOC Content (%)	None.
--	------------------------	-------

Partition Coefficient: n-octanol/water	No data available.
---	--------------------

--	--

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Incompatible Products	Strong oxidizing agents. Strong acids. Iron and heavy metals. Bromine trifluoride.
Conditions to Avoid	Incompatible products.
Hazardous Decomposition Products	Carbon oxides. May emit toxic fumes under fire conditions. Sodium oxides. Hydrogen chloride.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	
Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
LD50 Oral VALUE	3000 mg/kg (rat) estimated
LD50 Dermal VALUE	>2000 mg/kg (rat) estimated

LC50 Inhalation (DUST) VALUE		40,00 mg/L (mist) (dust) mg/m ³ estimated	
Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium chloride	3 g/kg (Rat)	> 10 g/kg (Rabbit)	> 42 g/m ³ (Rat) 1 h

Chronic Toxicity	
-------------------------	--

Chronic Toxicity	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
-------------------------	---

Chemical Name	ACGIH	IARC	NTP	OSHA
Silicon dioxide		Group 3		

IARC: (International Agency for Research on Cancer)	Group 3 - Not Classifiable as to Carcinogenicity in Humans
--	--

Sensitization	May cause sensitization of susceptible persons.
----------------------	---

Target Organ Effects	Skin.
-----------------------------	-------

12. ECOLOGICAL INFORMATION

Ecotoxicity	
The environmental impact of this product has not been fully investigated.	

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium chloride		LC50: 5560-6080 mg/L Lepomis macrochirus 96 h flow-through LC50: 12946 mg/L Lepomis macrochirus 96 h static LC50: 6020-7070 mg/L Pimephales promelas 96 h static LC50: 7050 mg/L Pimephales promelas 96 h semi-static LC50: 6420-6700 mg/L Pimephales promelas 96 h static LC50: 4747-7824 mg/L Oncorhynchus mykiss 96 h flow-through		EC50: 340.7 - 469.2 mg/L (48 h Static) Daphnia magna EC50: 1000 mg/L (48 h) Daphnia magna
Sodium dodecylbenzenesulfonate		LC50: 10.8 mg/L (96 h static) Oncorhynchus mykiss		
Silicon dioxide	EC50: 440 mg/L (72 h) Pseudokirchneriella subcapitata	LC50: 5000 mg/L (96 h static) Brachydanio rerio		EC50: 7600 mg/L (48 h) Ceriodaphnia dubia

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
Contaminated Packaging	Do not re-use empty containers.
California Hazardous Waste Codes	181

14. TRANSPORT INFORMATION

DOT	Not regulated.
TDG	Not regulated.
MEX	Not regulated.
ICAO	Not regulated.
IATA	Not regulated.
IMDG/IMO	Not regulated.
RID	Not regulated.
ADR	Not regulated.
ADN	Not regulated.

15. REGULATORY INFORMATION

<u>International Inventories</u>	
---	--

TSCA	Complies.
DSL	Does not Comply.
EINECS/ELINCS	Does not Comply.
ENCS	Does not Comply.
IECSC	Does not Comply.
KECL	Does not Comply.
PICCS	Does not Comply.
AICS	Does not Comply.

<u>U.S. Federal Regulations</u>	
--	--

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

	Acute Health Hazard	No
	Chronic Health Hazard	No
	Fire Hazard	No
	Sudden Release of Pressure Hazard	No
	Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium dodecylbenzenesulfonate	1000 lb			X

--	--

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Sodium dodecylbenzenesulfonate	1000 lb	

U.S. State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

International Regulations**Mexico - Grade**

Slight risk, Grade 1

Canada

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

WHMIS Hazard Class

D2B Toxic materials

16. OTHER INFORMATION**Issuing Date**

May 04 2012

Revision Date

16-Jan-2014 (ColorPerfect)

Revision Note

No information available.

General 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

End of Safety Data Sheet