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# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

**Product ID:** WKR0037  
**Product Name:** AQUASPAR 410 UP RED OXIDE  
**Product Use:** Paint or Coatings Related Product  
**Effective date:** 12/May/2012  
**Revision Date:** 12/May/2012  
**UN ID Number (msds):** NRPAIN  
**WHMIS Classification:** D2B Toxic Material D2A Very Toxic Material

### Company Identification

Valspar, Inc.  
 1915 Second Street West  
 Cornwall, Ontario K6H 5T1

**Tech Info Phone:** 1-613-932-8960

**24-Hour Medical Emergency Phone:** 1-888-345-5732

## 2. HAZARDS IDENTIFICATION

### Primary Routes of Exposure:

- Inhalation
- Ingestion
- Skin absorption

### Eye Contact:

- Moderate eye irritation

### Skin Contact:

- Causes skin irritation.

### Ingestion:

- Irritation of the mouth, throat, and stomach.
- Toxic if swallowed.
- Weakness

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 APPROVED BY [Signature]

**Inhalation:**

- May cause irritation of respiratory tract.
- May be fatal if inhaled.
- May cause cyanosis.

**Target Organ and Other Health Effects:**

- Blood disorders
- Cardiac arrhythmias
- Causes headache, drowsiness or other effects to the central nervous system.
- Unconsciousness

**This product contains ingredients that may contribute to the following potential chronic health effects:**

- Prolonged exposure over TLV may produce pneumoconiosis.

**3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS**

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>Chemical Name</b>	<b>CAS Number</b>
IRON OXIDE 1309-37-1	5 - 10	IRON OXIDE(Fe2O3)	1309-37-1
SODIUM NITRITE 7632-00-0	.1 - 1	Sodium nitrite	7632-00-0

If this section is blank there are no hazardous components per WHMIS guidelines.

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

**4. FIRST AID MEASURES****Eye Contact:**

Get medical attention, if symptoms develop or persist. Immediately flush eye(s) with plenty of water. Remove any contact lenses and open eyes wide apart.

**Skin Contact:**

Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

**Ingestion:**

Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Get medical attention immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

**Inhalation:**

Move injured person into fresh air and keep person calm under observation. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Do not give direct mouth-to-mouth resuscitation if inhaled. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area. Get medical attention immediately. Place unconscious person on the side in the recovery position and ensure breathing.

**Medical conditions aggravated by exposure:**

Any respiratory or skin condition.

**5. FIRE FIGHTING MEASURES**

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Flash point (Fahrenheit):	200
Flash point (Celsius):	93
Lower explosive limit (%):	1
Upper explosive limit (%):	11
Autoignition temperature:	not determined
Sensitivity to impact:	no
Sensitivity to static discharge:	Sensitivity to static discharge is not expected.
Hazardous combustion products:	See Section 10.

### Unusual fire and explosion hazards:

Contaminated rags, wipes, saw dust, etc., may catch fire spontaneously. Store waste under water in closed metal containers or in approved self-closing containers designed to prevent spontaneous combustion until disposed of in compliance with applicable regulations. Oxidizing Material

### Extinguishing media:

Carbon dioxide, dry chemical, foam and/or water fog.

### Fire fighting procedures:

Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

Does not sustain combustion.

## 6. ACCIDENTAL RELEASE MEASURES

### Action to be taken if material is released or spilled:

Ventilate the area. Avoid breathing dust or vapor. Use self-containing breathing apparatus or airmask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 7, "Handling and Storage", for proper container and storage procedures. Avoid contact with eyes.

## 7. HANDLING AND STORAGE

### Precautions to be taken in handling and storage:

Keep away from heat, sparks and open flame. - No smoking. Keep container closed when not in use. Do not store above 120 degrees F. (49 degrees C). Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106, Ontario OH&S regulation 851 section 22. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned.

## 8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

### Personal Protective Equipment

#### Eye and face protection:

Wear safety glasses or goggles to protect against exposure.

#### Skin protection:

Appropriate chemical resistant gloves should be worn.

#### Other Personal Protection Data:

Usual industrial work clothes.

#### Respiratory protection:

Wear appropriate, properly fitted respirator (NIOSH approved) during spray application or in other situation where mists may be generated unless air monitoring vapor mist levels are below applicable limits-- where applicable limits have been established. When respirators are used, follow respirator manufacturers directions for use. Have available emergency self-contained breathing apparatus or full-face airline respirator when using this chemical.

## Ventilation

Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas. Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture. Where the product is used in a hazardous classified area, use explosion-proof electrical/ventilating/lighting/equipment.

## Exposure Guidelines

### OSHA Permissible Exposure Limits (PEL's)

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
IRON OXIDE 1309-37-1	5 - 10	10 mg/m <sup>3</sup> TWA fume		

### ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
IRON OXIDE 1309-37-1	5 - 10	5 mg/m <sup>3</sup> TWA respirable fraction			

## 9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	24 mmHg @ 77°F (25°C)
Vapor density (air = 1.0):	7.4
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	9.02
Specific Gravity:	1.08
Evaporation rate (butyl acetate = 1.0):	0.1
Flash point (Fahrenheit):	200
Flash point (Celsius):	93
Lower explosive limit (%):	1
Upper explosive limit (%):	11
Autoignition temperature:	not determined

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Incompatibility:	Avoid water-reactive materials, heat or contact with peroxides or other catalysts.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide. Metal oxide fumes.

Sensitivity to static discharge: Sensitivity to static discharge is not expected.

## 11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
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## 11. TOXICOLOGICAL INFORMATION

IRON OXIDE 1309-37-1	5 - 10	> 10000 mg/kg Oral LD50 Rat
SODIUM NITRITE 7632-00-0	.1 - 1	= 5.5 mg/L Inhalation LC50 Rat 4 h = 85 mg/kg Oral LD50 Rat

**Mutagens/Teratogens/Carcinogens:** None known.

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
SODIUM NITRITE 7632-00-0	.1 - 1		Monograph 94 [in preparation]	

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
SODIUM NITRITE 7632-00-0	.1 - 1			male rat-no evidence; female rat-no evidence; male mice-no evidence; female mice-equivocal evidence

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
SODIUM NITRITE 7632-00-0	.1 - 1	Present		

## 12. ECOLOGICAL DATA

No information on ecology is available.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste at an approved hazardous waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations.

## 14. TRANSPORTATION INFORMATION

### Canadian Transport of Dangerous Goods

Proper Shipping Name: PAINT, NOT REGULATED  
UN ID Number (msds): NRPAIN

### TDG Clear Language Exceptions:

For Dangerous Goods, the supplier may apply one of the following exceptions (TDG Reference): Limited quantity/Consumer Commodity (1.17), Does not sustain combustion, etc. (2.18), Viscous liquid (2.19), Flammable liquid General Exemption (1.33) or US DOT Reciprocity (9.1,3 & 4). Please consult current TDG regulations before applying any of these exceptions to subsequent shipments.

### International Air Transport Association (IATA):

Proper Shipping Name: PAINT, NOT REGULATED  
UN ID Number (msds): NRPAIN

### International Maritime Organization (IMO):

Proper Shipping Name: PAINT, NOT REGULATED  
IMO UN/ID Number (msds): NRPAIN

## 14. TRANSPORTATION INFORMATION

## 15. REGULATORY INFORMATION

### INTERNATIONAL REGULATIONS - Chemical Inventories

#### Canada Domestic Substances List:

All components of this product are listed on the Domestic Substances List.

#### US TSCA Inventory:

All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

#### Canada National Pollutant Release Inventory:

Ingredient Name CAS-No.	Approx. Weight %	NPRI Status
IRON OXIDE 1309-37-1	5 - 10	YES
SODIUM NITRITE 7632-00-0	.1 - 1	Part 1, Group 1 Substance

## 16. OTHER INFORMATION

### HMIS Codes

Health: 3\*  
Flammability: 1  
Reactivity: 1  
PPE: X - See Section 8 for Personal Protective Equipment (PPE).

### Abbreviations:

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

### Disclaimer:

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. This MSDS contains additional information required by the state of Pennsylvania.

### Preparation Information:

Prepared By: Regulatory Affairs Department  
Print date: 12/May/2012  
Revision Date: 12/May/2012

### Technical Information:

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