



# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

Product Name H2 ORANGE IT ALL

### Other means of identification

Product Code(s) 127655

Synonyms N/A

### Recommended use of the chemical and restrictions on use

Recommended Use Multipurpose Cleaner

Uses advised against No Information Available

### Supplier's details

#### Supplier Address

Birsch Industries  
476 Viking Drive  
Virginia Beach, VA. 23452  
TEL: 757-622-0355

### Emergency telephone number

Emergency Telephone Number CHEM-TEL, INC.  
24 Hour Emergency Contact 1-800-255-3924

## 2. HAZARDS IDENTIFICATION

### Classification

OXIDIZING LIQUIDS – Category 2  
ACUTE TOXICITY:ORAL – Category 3  
SKIN CORROSION – Category 1C  
SERIOUS EYE DAMAGE – Category 1  
SPECIFIC TARGET ORGAN TOXICITY: SINGLE EXPOSURE – Category 3

### GHS Label elements, including precautionary statements

#### Emergency Overview

<b>Signal Word</b>	<b>DANGER</b>		
<b>Hazard Statements</b>	<ul style="list-style-type: none"> <li>• May intensify fire; oxidizer</li> <li>• Toxic if swallowed</li> <li>• Causes severe skin burns and eye damage</li> <li>• May cause respiratory irritation</li> </ul>		
<b>Appearance</b>	Orange	<b>Physical State</b>	Liquid
		<b>Odor</b>	Orange/Citrus Scent



**Symbol:**

### Precautionary Statements

#### **Prevention**

Keep away from heat.  
 Keep/Store away from clothing/combustible materials.  
 Take and precaution to avoid mixing with combustibles.  
 Avoid breathing gas/mist/vapors/spray.  
 Wash skin thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Use only outdoors or in a well ventilated area.  
 Wear protective gloves/protective clothing/eye protection/face protection.

#### **Response**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting.  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Immediately call a POISON CENTER or doctor/physician.  
 Wash contaminated clothing before reuse.  
 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

#### **Storage**

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

#### **Disposal**

Dispose of contents and container in accordance with applicable local, regional, national and/or international regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### **Synonyms**

Chemical Name	CAS-No	Weight %	Notes
D-Limonene	94266-47-7	5 – 10	*
Hydrogen Peroxide	7722-84-1	5 – 10	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### **Description of necessary first-aid measures**

**Eye Contact** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

**Skin Contact** Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention immediately. Remove contaminated clothing and shoes. Wash clothing before reuse.

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention.
<b>Ingestion</b>	Do not induce vomiting unless directed to do so by medical personnel. Call a Poison Control Center. If victim is conscious, give plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Carbon dioxide. Foam. Dry chemical.

### **Unsuitable Extinguishing Media**

Water

### **Special Protective Equipment and Precautions for Firefighters**

Fire fighters and other who may be exposed to products of combustion should wear full fire fighting turn out gear and self-contained breathing apparatus.

### **Fire-Fighting Equipment/Instructions**

Oxidizing material. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Decomposition will release oxygen, which will intensify a fire. Cool closed containers exposed to fire with water spray. Closed containers of this material may explode when subjected to heat from surrounding fire. Do not allow run-off from fire fighting to enter drains or water courses. Fire fighting equipment should be thoroughly decontaminated after use.

### **Specific Methods**

Use standard firefighting procedures and consider the hazards of other involved materials.

### **General Fire Hazards**

No data available

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Prevent further leakage or spillage if you can do so without risk. Evacuate area of all unnecessary personnel. Ventilate the area. Eliminate all ignition sources. Avoid generation of vapors. Avoid contact with cellulose, paper, sawdust or similar substances. Risk of self-ignition or promotion of fires.
<b>Environmental Precautions</b>	Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto ground.
<b>Methods for Cleaning Up</b>	Contain and collect spillage with non-combustible absorbent material, such as clean sand, earth, diatomaceous earth or non-acidic clay and place into a suitable property labeled containers for prompt disposal.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

Do not taste or swallow. Do not get in eyes, on skin or on clothing. Avoid breathing vapor or mist. Keep away from contact with clothing and other combustible materials. Keep away from heat, sparks and flames. Use only with adequate ventilation. Wash thoroughly after handling. Wear flame/ flame resistant/ retardant clothing. Prevent product contamination. Keep only in the original container. Store in tightly closed container. Do not cut, drill, grind, or weld on or near this container. Emptied container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed. Avoid contamination.

### **Conditions for safe storage, including any incompatibilities**

Store in tightly closed container. Store in cool, dry, well ventilated area away from sources of ignition such as flame, sparks and static electricity. Store out of direct sunlight in a cool well ventilated place. Store in original container. Store away from combustibles and incompatible materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Occupational Exposure Limits</b>	d-Limonene: TWA – 30ppm Hydrogen Peroxide: ACGIH – 1ppm PEL – 1ppm
<b>Biological Limit Values</b>	No biological exposure limits noted.
<b>Appropriate Engineering Controls</b>	Normal room ventilation is usually adequate. Provide exhaust ventilation or other engineering controls to keep the airborne concentration below any regulated limits. Keep away from sparks and flames.
<b><u>Individual protection measures, such as personal protective equipment</u></b>	
<b>Eye &amp; Face Protection</b>	Wear safety goggles or glasses.
<b>Hand &amp; Skin Protection</b>	Nitrile gloves are recommended. Boots, apron, or bodysuit should be worn as necessary.
<b>Respiratory Protection</b>	Not normally required. If adequate ventilation is unavailable, use NIOSH approved air-purifying respirator with organic vapor cartridge or canister.
<b>Hygiene Measures</b>	Wash hands thoroughly after handling. Have eyewash and emergency shower facilities immediately available. Launder contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Appearance</b>	Orange
<b>Odor</b>	Orange/Citrus Scent	<b>Odor Threshold</b>	No information available
<b><u>Property</u></b>	<b><u>Values</u></b>		
<b>pH</b>	5.0 – 6.0		
<b>Melting Point/Range</b>	No data available		
<b>Boiling Point/Boiling Range</b>	No data available		
<b>Flash Point</b>	No data available		
<b>Evaporation rate</b>	No data available		
<b>Flammability (solid, gas)</b>	No data available		
<b>Flammability Limits in Air</b>			
upper flammability limit	No data available		
lower flammability limit	No data available		
<b>Vapor Pressure</b>	No data available		
<b>Vapor Density</b>	No data available		
<b>Relative Density</b>	No data available		
<b>Specific Gravity</b>	.97		
<b>Water Solubility</b>	No data available		
<b>Solubility in other solvents</b>	No data available		
<b>Partition coefficient: n-octanol/water</b>	No data available		
<b>Autoignition Temperature</b>	No data available		
<b>Decomposition Temperature</b>	No data available		
<b>Viscosity</b>	No data available		
<b>Flammable Properties</b>	No data available		
<b>Explosive Properties</b>	No data available		
<b>Oxidizing Properties</b>	No data available		

## 10. STABILITY AND REACTIVITY

### Stability

The product is stable

### Possibility of hazardous reactions

No dangerous reaction known under normal conditions.

**Conditions to avoid**

Keep away from heat, sparks or flame. Material decomposes with the potential to produce a rupture of unvented closed containers.

**Incompatible materials**

Strong acids. Combustible materials. Alkaline materials. Metallic oxides. Reducing agents.

**Hazardous decomposition products**

No hazardous decomposition products are known.

## 11. TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure**

<b>Ingestion</b>	Harmful if swallowed.
<b>Inhalation</b>	Harmful if inhaled. May cause respiratory irritation.
<b>Skin Contact</b>	Can cause skin burns and irritation.
<b>Eye Contact</b>	Causes serious eye damage.

**Information on Toxicological Effects**

<b>Acute Toxicity</b>	Toxic in contact with skin. Harmful if inhaled. Harmful if swallowed.
<b>Skin Corrosion/Irritation</b>	Causes severe skin burns and eye damage.
<b>Serious Eye Damage/Eye Irritation</b>	Causes serious eye damage.
<b>Respiratory Sensitization</b>	Not available
<b>Skin Sensitization</b>	No data available
<b>Germ Cell Mutagenicity</b>	No data available
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>Reproductive Toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific Target Organ Toxicity Single Exposure</b>	May cause respiratory irritation.
<b>Specific Target Organ Toxicity Repeated Exposure</b>	Not applicable
<b>Aspiration Hazard</b>	No data available

## 12. ECOLOGICAL INFORMATION

<b>Ectotoxicity</b>	May be toxic to aquatic life. However, due to the physical properties of the product, it will not remain in the environment for an extended period of time.
<b>Persistence and Degradability</b>	No data available
<b>Bioaccumulative Potential</b>	No data available
<b>Mobility In Soil</b>	No data available
<b>Other Adverse Effects</b>	No other adverse environmental effects are expected from this product.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Instructions</b>	Dilution with water is the preferred method of disposal. Dispose of in accordance with federal, state and local regulations.
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## 14. TRANSPORT INFORMATION

**DOT**

Not Regulated

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

This product contains ingredients that conform to the Toxic Substances Control Act (TSCA):  
d-Limonene (94266-47-4) & Hydrogen Peroxide (7722-84-1)

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories: N/A

SARA 302 Extremely Hazardous Substance: Yes – Hydrogen Peroxide (7722-84-1)

SARA 311/312 Hazardous Chemical: No

SARA 313: Not Regulated

### Clean Air Act (CAA)

Section 112 Hazardous Air Pollutants List: Not Regulated

Section 112r Accidental Release Prevention: Not Regulated

### CERCLA (40 CFR 302.4)

Not Listed

### US OSHA Specifically Regulated Substance (29 CFR 1910.1001-1050)

Not Listed

### Safe Water Drinking Act (SDWA)

Not Regulated

### U.S. State Right to Know Regulations

New Jersey: Hydrogen Peroxide (7722-84-1)

Pennsylvania: Hydrogen Peroxide (7722-84-1)

### California Proposition 65

Not Listed

## 16. OTHER INFORMATION

NFPA

Health 1

Flammability 0

Instability 0

### Prepared By

Birsch Industries  
476 Viking Drive  
Virginia Beach, VA. 23452  
TEL: 757-622-0355

### Issuing Date

No information available

### Revision Date

1-June 2015

### Revision Note

N/A

### General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**