This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

Section 1 ~ Identification

Identity (As Used On Label and List)	**Date Prepared:**
Q2030 HYDRO CITRA FOAM	04-03-2015
Company Information:	**Emergency Telephone Number:**
OMEGA INDUSTRIAL SUPPLY, INC	1-800-424-9300
Address (Number, Street, Suite/Apt#)	**Telephone Number for Information:**
101 Grobric Ct #1	1-800-571-7347
(City, State, and Zip Code)	**Signature of Prepare (Optional)**
Fairfield, CA 94534	REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Signal word (GHS-US)	Danger	**Other hazards**	No additional information available
Classification (GHS-US)	Eye dam. 1 H318 Skin sens. 1 H317 Full text of H-phrases: See section 16	**Unknown acute toxicity (GHS US)**	Not applicable
		Signal word	Danger
		OSHA Defined Hazards	N/A
Label elements	 GHS05  GHS07		
Hazard Statement	May cause an allergic skin reaction. Causes serious eye damage		
Precautionary Statement	Avoid breathing mist, spray. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection, protective clothing, protective gloves. **If on skin:** Wash with plenty of water. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a doctor, a POISON CENTER. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Dispose of contents/container to comply with local/regional/national/international regulations.		

Section 3 ~ Composition/Information on Ingredients

Substance: Not applicable **Full text of H-phrases:** see section 16

Components (Specific Chemical Identity, Common Name(s))	**CAS No.**	**Classification (GHS US)**	**%(Wt.)**
Hydrogen Peroxide	7722-84-1	Ox.Liq. 1, H271 Acute Tox. 4, (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335	1-5%
Ethoxylated Alcohol Mixture	Proprietary	Eye Dam. 1, H318	1-5%
Quanternary Amine Compound	Proprietary	Eye Dam. 1, H318	0.5-1.5%
(+)-Limonene	5989-27-5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304	0.1-1%

Section 4 ~ First Aid Measures

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.
Inhalation - Remove the victim into fresh air. Get medical advice/attention if you feel unwell.
Ingestion - Rinse mouth with water. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.
Skin Contact - Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Most Important Symptoms/Effects, Acute And Delayed
Symptoms/injuries - Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation - May cause respiratory irritation.
Symptoms/injuries after skin contact - May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking.
Symptoms/injuries after eye contact - Causes serious eye damage**.**
Symptoms/injuries after ingestion - Gastrointestinal complaints. Nausea. Cramps. May be harmful if swallowed.
Indication Of Immediate Medical Attention And Special Treatment Needed – Treat symptomatically.
General information— If you feel unwell, seek medical advice (show the label where possible).

Section 5 ~ Fire Fighting Measures

Suitable Extinguishing Media – All extinguishing media allowed.
Fire-fighting instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.
Specific Hazards Arising from the Chemical
Fire Hazard: This product contains an oxidizer. Mixtures with combustible or flammable materials may ignite easily, burn fiercely, or may explode in contaminated, closed containers.
Reactivity: Upon combustion: CO and CO2 are formed. Thermal decomposition generates: Heat. steam. oxygen gas.
Protection during fire-fighting – Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment And Emergency Procedures
General: Isolate from fire, if possible, without unnecessary risk.
Non-emergency personnel
Protective equipment: Protective goggles. Gloves. Protective clothing.
Emergency procedures: Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area**.**
Emergency responders
Protective equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Stop leak if safe to do so. Stop release. Ventilate area.
Environmental Precautions - Avoid release to the environment. Prevent entry to sewers and public waters.
Containment: Contain released substance, pump into suitable containers.
Clean up: This material and its container must be disposed of in a safe way, and as per local legislation.

Section 7 ~ Handling and Storage

Precautions For Safe Handling – Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.
Hygiene: Wash thoroughly after handling. Wash contaminated clothing before reuse.
Conditions for safe storage, including any incompatibilities
Technical measures: Comply with applicable regulations.
Storage conditions: Keep container closed when not in use.
Incompatible products: Alkaline substances. Metals. Salts. organic materials. reducing agents.

Incompatible materials: Heat sources.
Storage area: Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.
Special rules on packaging: Meet the legal requirements. Keep only in original container.

Section 8 ~ Exposure Controls/Personal Protection

Hydrogen Peroxide (7722-84-1)		
ACGIH	ACGIH TWA (ppm 1 ppm	
ACGIH	ACGIH STEL (ppm) 1ppm	

Personal protective equipment– Use appropriate personal protective equipment when risk assessment indicates this is necessary.

Hand Protection– Gloves.

Skin Protection Other– Protective clothing.

Eye/face protection– Protective/Safety goggles.

Section 9 ~ Physical Chemical Properties

Boiling Point	N/A	**Specific Gravity**	1.02g/ml
Vapor Pressure @ 70°F	N/A	**Melting/Freezing Point**	N/A
Vapor Density	N/A	**Evaporation Rate (Butyl Acetate = 1)**	N/A
Solubility in Water	Soluble in water.	**pH**	9-10
Appearance and Odor— Clear liquid, Citrus scent.		**VOC%**	<0.5%
Flash Point (Method Used): > 200˚F Closed Cup	**Auto - Ignition Temperature:** N/A	**Lower Flammability Level:** N/A	**Upper Flammability Level:** N/A

Section 10 ~ Stability and Reactivity

Chemical Stability: **Unstable** ☐ **Stable** ☒ (under normal conditions) | **Conditions to Avoid** – Overheating

Incompatibility (Materials to Avoid) – N/A | **Hazardous Decomposition** – Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Reactivity: Upon combustion: CO and CO2 are formed. Thermal decomposition generates: Heat. steam. oxygen gas.
Possibility of hazardous reactions: Refer to section 10 on Reactivity.

Section 11 ~ Toxicological Information

Symptoms/injuries after inhalation: May cause respiratory irritation.
Symptoms/injuries after skin contact: May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking.
Symptoms/injuries after eye contact: Causes serious eye damage.
Symptoms/injuries after ingestion: Gastrointestinal complaints. Nausea. Cramps. May be harmful if swallowed.
Information on toxicological effects
Acute toxicity: Not classified

Components	***Species***	***Test Results***
Ethoxylated Alcohol Mixture (Proprietary)	LD50 oral rat	> 2000 mg/kg
Quaternary Amine Compound (Proprietary)	LD50 oral rat	> 2000 mg/kg
(+)-Limonene (5989-27-5)		
	LD50 oral rat	4400 mg/kg body weight (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Literature study; > 2000 mg/kg bodyweight; Rat; Read-across)
	LD50 dermal rabbit	> 5000 mg/kg body weight (Rabbit; Weight of evidence; Equivalent or similar to OECD 402)
	ATE CLP (oral)	4400.000 mg/kg body weight
Hydrogen Peroxide, 35%=<conc<50%, aqueous solutions, stabilized (7722-84-1)		
	LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
	ATE CLP (oral)	500.000 mg/kg body weight
	ATE CLP (gases)	4500.000 ppm V/4h
	ATE CLP (vapors)	11.000 mg/l/4h
	ATE CLP (dust, mist)	1.500 mg/l/4h

Skin corrosion/irritation: Not classified pH: 9-10
Respiratory or Skin sensitization: May cause an allergic skin reaction.
Germ cell mutagenicity Not classified
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Reproductive toxicity Not classified
Specific target organ toxicity - repeated exposure Not classified
Serious eye damage/eye irritation: Causes serious eye damage. pH 9-10
Aspiration hazard Not classified
Carcinogenicity Not classified
Specific target organ toxicity Not classified

(+)-Limonene (5989-27-5)
IARC group 3 – Not Classifiable
Hydrogen peroxide, 35%=<conc<50%, aqueous solutions, stabilized (7722-84-1)
IARC group 3 – Not Classifiable
Aspiration hazard - Not classified **Chronic effects -**

Section 12 ~ Ecological Information

Toxicity

Product	**Test Results**
(+)-Limonene (5989-27-5)	
LC50 fish 1	720 µg/l (96 h; Pimephales promelas; Lethal)
EC50 Daphnia 1	0.36 mg/l (48 h; Daphnia magna; GLP)
LC50 fish 2	702 µg/l (96 h; Pimephales promelas)
Threshold limit algae 1	150 mg/l (72 h; Desmodesmus subspicatus; GLP)
Threshold limit algae 2	2.62 mg/l (72 h; Desmodesmus subspicatus)
Hydrogen peroxide, 35%=<conc<50%, aqueous solutions, stabilized (7722-84-1)	
LC50 fish 1	16.4 mg/l (96 h; Pimephales promelas; Solution >=50%)
EC50 Daphnia 1	2.4 mg/l (48 h; Daphnia pulex; Solution >=50%)
EC50 other aquatic organisms 1	2.5 mg/l (72 h; Chlorella vulgaris)
LC50 fish 2	37.4 mg/l (96 h; Ictalurus punctatus; Solution >=50%)
EC Daphnia 2	7.7 mg/l (24 h; Daphnia magna; Solution >=50%)
Threshold limit algae 1	0.1 mg/l (72 h; Chlorella vulgaris)

Persistence and degradability:

(+)-Limonene (5989-27-5)
Persistence and degradability Readily biodegradable in water. Forming sediments in water. Adsorbs into the soil.
ThOD 3.29 g O /g substance

Hydrogen Peroxide, 35%=<conc<50%, aqueous solutions, stabilized (7722-84-1)
Persistence and degradability Biodegradability: not applicable. No (test)data on mobility of the components available. Photolysis in the air.

Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

Bioaccumulative Potential:

(+)-Limonene (5989-27-5)

BCF fish 1	864.8 - 1022 (Pisces; Fresh weight)
Log Pow	4.38 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 37 °C)
Bioaccumulative potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).

Hydrogen peroxide, 35%=<conc<50%, aqueous solutions, stabilized (7722-84-1)

Log Pow	-1.36
Bioaccumulative potential	Bioaccumulation: not applicable.

Section 13 ~ Disposal Considerations

Water Disposal instructions: Dispose in a safe manner in accordance with local/national regulations.

Section 14 ~ Transport Information

In accordance with DOT: Not regulated for transport.

Transportation by sea	N/A	**Air Transport**	N/A	**ADR**	N/A

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

Section 15 ~ Regulatory Information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Hydrogen Peroxide (7722-84-1)

Not listed on SARA 313 (specific toxic chemical listings) Chemical name

RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000lb
SARA Section 302 Threshold Planning Quantity (TPQ)	1000lb

California Proposition 65 - This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

Section 16 ~ Other Information

Training advice Normal use of this product shall imply use in accordance with the instructions on the packaging.

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4	H226	Flammable liquid and vapor
Asp. Tox. 1	Aspiration hazard Category 1	H271	May cause fire or explosion; strong oxidizer
Eye. Dam. 1	Serious eye damage/eye irritation Category 1	H302	Harmful if swallowed
Flam. Liq. 3	Flammable liquids Category 3	H304	May be fatal if swallowed and enters airways
Ox. Liq. 1	Oxidizing liquids Category 1	H315	Causes skin irritation
Skin Irrit. 2	Skin corrosion/irritation Category 2	H317	May cause an allergic skin reaction
Skin Sens. 1	Skin sensitization Category 1	H318	Causes serious eye damage
STOT SE 3	Specific target organ toxicity (single exposure) Category 3	H335	May cause respiratory irritation

	NFPA	HMIS	Key
HEALTH	2	2	4= Severe
FLAMMABILITY	0	0	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	-	1= Slight
			0= Minimal

Disclaimer: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of this material.