



SAFETY DATA SHEET

Infinity Liquid Oxidiser 60ml

January 2026

Product Name: LiquidSprayOxidiser60ml
Date: 20/4/2024

SECTION 1 IDENTIFICATION

Supplier: Brow Geek USA LLC
Houston, USA
Product Name: Liquid Spray Oxidiser 60ml
Chemical Name: Hydrogen Peroxide
Chemical Formula: H_2O_2
CAS Number: 7722-84-1

SECTION 2 HAZARDOUS COMPONENTS

Emergency Overview Warning



GHS Classification in accordance with 29 CFR 1910(OSHA HCS)
H272: Oxidizing liquids (Category 3)

H319: Eye irritation (Category 2A)

H335: Specific target organ toxicity – single exposure (Category 3)

Hazard Statement(s)

H272: May intensify fire; oxidizer

H319: Causes serious eye irritation

H335: May cause respiratory irritation.

Precautionary Statement(s)

P210: Keep away from heat.

P220: Keep/Store away from clothing/ combustible materials.

P221: Take any precaution to avoid mixing with combustibles.

P264: Wash skin thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/eye protection/face protection.

P321: Specific treatment (see First Aid Measures on this label).

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313: If eye irritation persists: Get medical advice/attention.

P370+378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for

extinction.

P403+P233: Store in a well-ventilated place. Keep container tightly closed

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P405: Store locked up.

P501: Dispose of contents/container to an approved waste disposal plant.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component CAS Number Percent Hydrogen Peroxide 7722-84-1 <8%

SECTION 4 FIRST AID MEASURES

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance.
Move out of dangerous area.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Consult a physician.

Skin Contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
Rinse mouth out with plenty of water. Consult a physician.

Notes to Physician: Treat Symptomatically. Hydrogen Peroxide decomposes rapidly in contact with organic matter and oxygen.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Flooding quantities of water only in the early stages of a fire. Water spray or fog.
DO NOT use halogenated fire extinguishing agents

Firefighting: Alert Emergency Responders and tell them location and nature of hazard.

-May be violently or explosively reactive.

-Wear full body protective clothing with breathing apparatus.

-Prevent, by any means available, spillage from entering drains or water courses.

Use firefighting procedures suitable for surrounding area. Cool fire exposed containers with water spray from a protected location. DO NOT approach containers suspected to be hot. If safe to do so,

remove containers from path of fire. When any large container (including road and rail tankers) is involved in a fire, consider evacuation by 800 meters in all directions.

General Fire Hazards/Hazardous Combustible Products: Non combustible liquid. Will not burn but increases intensity of fire. Contact with readily oxidizable organic material may cause ignition /fire.

Heating may cause

expansion or decomposition leading to violent rupture of containers.

Fire Incompatibility: Avoid contact with organic materials / compounds, particularly finely divided combustible materials as ignition may result. Violent catalytic decomposition will occur in contact with certain metals such as iron, copper, chromium, brass, bronze, lead, silver, manganese or their salts.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Minor Spills: Clean up all spills immediately. Avoid contact with skin and eyes. Wear impervious gloves and safety glasses. Remove all ignition sources. Small quantities may be discharged to sewer with a large excess of water. Wipe up.

Major Spills

Personal precautions, protective equipment and emergency procedures: Clear area of personnel and move upwind. Alert Emergency Responders and tell them location and nature of hazard. May be violently or explosively reactive. Wear full body protective clothing with breathing apparatus. No smoking, naked lights or ignition sources. Increase ventilation.

Environmental Precautions: Prevent, by any means available, spillage from entering drains or water and water courses. Stop leak if safe to do so. Contain spill with sand, earth or vermiculite. If contamination of drains or waterways occurs, advise emergency services.

Methods and materials for containment and cleaning up: Collect recoverable product into labeled containers for recycling. DO NOT return unused product to containers. Absorb remaining product with sand, earth or vermiculite. Collect residues and place in labeled plastic containers with vented lids. Wash spill area with large quantities of water. After cleanup operations, decontaminate and launder all protective clothing and equipment before storing and re-using.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedure For Handling: Handle and open container with care. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained. Use good occupational work practice. Observe manufacturer's storing and handling recommendations. Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Avoid smoking, naked lights, heat or ignition sources. Use in a well-ventilated area. Avoid contact with incompatible materials. DO NOT return unused product to containers. Avoid sources of heat. Mild steel, brass, bronze and copper equipment should not be used. When handling, DO NOT eat, drink or smoke. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Launder contaminated clothing before re use.

Recommended Storage Methods: Polyethylene or polypropylene container. Packing as recommended by manufacturer. Container to have vented cap. Properly passivated aluminum or stainless-steel containers. Porcelain, vitreous stoneware.

Storage Requirements: Keep cool. Store below 25°C. Observe manufacturer's storing and handling recommendations. Store in original containers and Store under cover. No smoking, naked lights, heat or ignition sources. Store in a cool, dry and well-ventilated area. Store in a cool area and away from sunlight. Store away from incompatible materials. DO NOT use mild steel or galvanized containers. Store in an upright position Protect containers against physical damage. Check regularly for spills .



SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

Control Parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control Parameters	Basis
Hydrogen peroxide	7722-84-1	TWA	1 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Eye, skin, irritation.		
		TWA	1 ppm 1.4 mg/m3	USA. NIOSH Recommended Exposure Limits
		TWA	1 ppm 1.4 mg/m3	USA. Occupational Exposure Limits (OSHA) – Table Z-1 Limits for Air Contaminants
		The value in mg/m3 is approximate.		
		TWA	1ppm 1.4 mg/m3	USA. OSHA – TABLE Z-1 Limits for Air Contaminants – 1910.1000

Exposure Controls

Appropriate Engineering Controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal Protective Equipment

Eye/Face Protection: Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of Environmental Exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless liquid Odor: Slightly Pungent Odor Threshold: no data available pH (1% solution): 4.0-5.0 Melting Range(°F): 59-91 Boiling Point and Boiling Range: 212-217°F (100-103°C) Freezing Point: 9-21°F (-13 - -6°C) Flash Point: not applicable Evaporation Rate: >1 BuAc=1 Flammability (solid, gas): no data available Upper/Lower Flammability or Explosive Limits: no data available Vapor Pressure (mmHg): 28.00 mmHg (86°F (30°C)) Vapor Density: no data available Specific Gravity (water = 1): 1.07-1.13 Water Solubility (g/L): Miscible Partition coefficient (n-octanol/water): no data available Auto-ignition Temperature: no data available Decomposition Temperature: no data available Viscosity: no data available Explosive Properties: no data available Volatile Component (%vol): 100 Oxidizing Properties: no data available Molecular Weight: 34.01 g/mol



SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage condition.

Conditions Contributing To Instability: Avoid any contamination of this material as it is very reactive and any contamination is potentially hazardous. The presence of heat source and direct sunlight. Solutions of hydrogen peroxide decompose slowly releasing oxygen. Heat or contaminants will accelerate decomposition. Containers may be pressurized. Hydrogen peroxide is decomposed by alkalis and even ordinary dust or rust.

Storage Incompatibility: Rotate all stock to prevent ageing. Use on FIFO (First In-First Out) basis. Avoid any contamination of this material as it is very reactive and any contamination is potentially hazardous. Segregate from combustible materials, particularly finely divided combustible materials and reducing agents.

Incompatible Materials: Zinc, Powdered metals, Iron, Copper, Nickel, Brass, Iron and iron salts.

SECTION 11 TOXICOLOGICAL INFORMATION

none

SECTION 11 TOXICOLOGICAL INFORMATION - Continued

Human Experience:

Inhalation: Throat: irritation. (based on reports of occupational exposure to workers)

Skin contact: Skin: bleaching of hair. (based on reports of occupational exposure to workers)

Eye contact: Eye: irritating. (based on reports of occupational exposure to workers)

Ingestion:

Gastrointestinal tract: bloating, ulceration, burns. (accidental exposure to concentrated solutions) Lung: accumulation of fluid in the lungs, death. (severity of effects depends on extent of exposure)

SECTION 12 ECOLOGICAL INFORMATION

Chemical Fate and Pathway

Biodegradation: Readily biodegradable. (0.02 d) biodegradation 99 %

Octanol Water Partition Coefficient: $\log P_{ow} = -1.57$ (calculated)

Ecotoxicology Microorganisms: Activated sludge 0.5 h
EC50 = 466 mg/l Activated sludge 3 h EC50 > 1,000 mg/l

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SECTION 13 DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Empty container retains product residue. Observe all label precautions. Do not distribute, make available, furnish or reuse empty containers. Triple rinse empty container and add rinse water to pool. Dispose of container with normal trash.

SECTION 14 TRANSPORT INFORMATION

DOT: Not Regulated
TDG: Not Regulated
IMDG: Not Regulated
IATA: Not Regulated

SECTION 15 REGULATORY INFORMATION

SARA 302 Components: The following components are subject to reporting levels established by SARA Title III, Section 302: CAS-No. Revision Date Hydrogen peroxide 7722-84-1 1993-04-24

SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: Reactivity Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components: CAS-No. Revision Date Hydrogen peroxide 7722-84-1
1993-04-24

Pennsylvania Right To Know Components: CAS-No. Revision Date Hydrogen peroxide 7722-84-1
1993-04-24

New Jersey Right To Know Components: CAS-No. Revision Date Hydrogen peroxide 7722-84-1
1993-04-24

California Prop. 65 Components: This product does not contain any chemicals known to State of
California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 OTHER INFORMATION

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SECTION 17 DISPOSAL CONSIDERATIONS

No representations or warranties, either expressed or implied, of merchant ability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers.

Date: January 2026

Brow Geek USA LLC