



Safety Data Sheet  
Jackhammer™

SDS Revision Date: 08/01/17

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

- Product Name • Jackhammer
- Product Use • Bio-based alternative for hard water/scale removal.

**Manufacturer:** *Orison Marketing, L.L.C.*  
**Address:** 4801 South Danville Drive, Abilene, TX 79602  
**Phone:** 1-325-692-1135 / 1-800-460-2403  
**Website / Email:** [www.orisonmarketing.com](http://www.orisonmarketing.com) / [info@orisonllc.com](mailto:info@orisonllc.com)

SECTION 2: HAZARD IDENTIFICATION

United States (US) - According to OSHA 29 CFR 1910.1200 Hazard Communication Standard

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

- HAZARD CLASSIFICATION • Skin Corrosion/Irritation - Category 2 - H315  
 Serious Eye Damage/Eye Irritation - Category 2a - H319

LABEL ELEMENTS

Warning  
Warning



- HAZARD STATEMENTS • Causes skin irritation.  
 Causes serious eye irritation

- PRECAUTIONARY STATEMENTS • Wash ... thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. [As modified by IV ATP] IF ON SKIN: Wash with plenty of water/... [As modified by IV ATP] Specific treatment (see ... on this label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing. [As modified by IV ATP]

Wash ... thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. [As modified by IV ATP] IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical advice/attention. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing. [As modified by IV AT]

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS – Water Balance

CHEMICAL IDENTITY/NAME	CAS #	Percent Weight
Sugar Byproducts	Proprietary	<30%
Molasses Crude (color purified)	Proprietary	<10%
Glycerin	000056-81-5	<20%

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### SECTION 4: FIRST AID MEASURES

- INHALATION
- If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Call a physician immediately.
- SKIN
- Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician if irritation persists. Wash clothing before reuse.
- EYE
- Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician if irritation persists.
- INGESTION
- Do not induce vomiting. Never give anything by mouth to an unconscious person. Dilute by drinking two large glasses of water. Call a physician immediately.
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### SECTION 5: FIRE-FIGHTING MEASURES

- SUITABLE  
EXTINGUISHING MEDIA
- Use non-flammable or non-explosive extinguishing media.
- SPECIFIC HAZARDS
- No known unusual hazards in a fire or explosion situation.
- SPECIAL PROTECTIVE  
ACTIONS FOR  
FIREFIGHTERS
- No known unusual hazards in a fire or explosion situation.
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### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- FOR NON-EMERGENCY  
PERSONNEL
- For non-emergency personnel, ventilate area of leak or spill and remove all ignition sources. Wear appropriate personal protective equipment as required to prevent any contamination of skin, eyes, and personal clothing. Isolate release area. Do not touch or walk through spilled material unless

wearing the appropriate protective equipment. Keep unnecessary and unprotected personnel from entering.

**FOR EMERGENCY RESPONDERS**

- For emergency responders, as an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep out of low areas. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

**ENVIRONMENTAL PRECAUTIONS**

**ACCIDENTAL RELEASE ENVIRONMENTAL**

- Stop leak if you can do it without risk. If possible, keep from entering into drains, surface water, or ground water. This product is biodegradable.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

**CONTAINMENT AND CLEANUP**

- Contain and recover liquid when possible. Cover drains or cap spill when safe. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Small spills may be flushed to the sanitary sewer with approval from local authorities.

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**SECTION 7: HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING**

- Do not modify the storage container as to make it unsafe. Use caution when opening container as unit may be under mild pressure due to weather or temperature changes. Do not mix with any other chemical unless specifically recommended by manufacturer. Avoid spills into the work or outside environment. Do not eat, drink, or smoke in work areas. Wash hands after use. Remove any contaminated clothing and protective equipment before entering eating areas.

**CONDITIONS FOR SAFE STORAGE AND INCOMPATIBILITIES**

- Protect against physical damage. Store in a cool, dry, well-ventilated location. Avoid storing in direct sunlight when possible. Separate from incompatible materials such as strong acids or strong bases. Do not store in containers made from soft metals such as aluminum, magnesium, zinc, or galvanized steel.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**CONTROL PARAMETERS**

CHEMICAL IDENTITY/NAME	CAS #	TLV
Sugar Byproducts	Proprietary	N/E
Molasses Crude (color purified)	Proprietary	N/E
Glycerin	0000056-81-5	OSHA TWA 15 mg/m3 (Total) TWA 5 mg/m3 (resp) ACGIH TWA: 3 mg/m3 (respirable) 10 mg/m3 (mist)

**APPROPRIATE ENGINEERING CONTROLS**

- Adequate ventilation systems as needed to maintain air concentrations below occupational exposure standards.

**INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**EYE/FACE PROTECTION**

- Safety glasses with polycarbonate lenses.

SKIN PROTECTION • Nitrile gloves.

RESPIRATORY PROTECTION • None required under normal use.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colored liquid.	Lower Limits	Not available.
Odor	Cherry.	Vapor Pressure	Not available.
Odor Threshold	Not available.	Vapor Density	Not available.
pH	2-4	Relative Density	1 - 1.15 g/ml
Melting Freezing Pt	Not available.	Solubility	Miscible in water.
Initial Boiling Pt	Not available.	Partition Coefficient	Not available.
Flash Point	Does not flash.	Auto Ignition Temp	Not available.
Evaporation Rate	Not available.	Decomposition Temp	Not available.
Flammability	Not available.	Viscosity	Not available.
VOC Content	<1 g/L		

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## SECTION 10: STABILITY AND REACTIVITY

REACTIVITY • No dangerous reaction known under conditions of normal use.

CHEMICAL STABILITY • Stable under normal temperatures and pressures.

POSSIBILITY OF HAZARDOUS REACTIONS • Will not occur.

CONDITIONS TO AVOID • No unusual conditions.

INCOMPATIBLE MATERIALS • Do not mix with strong acids or bases. Do not mix with any other chemical unless instructed to do so by manufacturer.

HAZARDOUS DECOMPOSITION PRODUCTS • In case of fire, oxides of carbon, hydrocarbons, fumes or vapors, soot, and smoke may be produced.

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## SECTION 11: TOXICOLOGICAL INFORMATION

## INFORMATION ON TOXICOLOGICAL EFFECTS

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Acute Toxicity	Classification not met.
Skin Corrosion/Irritation	Skin Corrosion/Irritant Category 2
Serious Eye Damage/Irritation	Serious Eye Damage/Eye Irritation - Category 2a
Respiratory or Skin Sensitization	Classification not met.
Germ Cell Mutagenicity	Classification not met.
Carcinogenicity	Classification not met.
Reproductive Toxicity	Classification not met.
STOT Single Exposure	Classification not met.
STOT Repeated Exposure	Classification not met.
Aspiration Hazard	Classification not met.

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Target Organs	<ul style="list-style-type: none"><li>• Skin.</li></ul>
Routes of Entry Exposure	<ul style="list-style-type: none"><li>• Ingestion, inhalation, skin, eye.</li></ul>

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## POTENTIAL HEALTH EFFECTS

INHALATION ACUTE	<ul style="list-style-type: none"><li>• May irritate nose, throat and lungs.</li></ul>
INHALATION CHRONIC	<ul style="list-style-type: none"><li>• Vapors or mists may aggravate pre-existing lung conditions.</li></ul>
SKIN ACUTE	<ul style="list-style-type: none"><li>• May cause irritation. Prolonged exposure may cause redness or pain. and should be avoided.</li></ul>
SKIN CHRONIC	<ul style="list-style-type: none"><li>• Sensitivity of the skin may occur with repeated, prolonged exposure.</li></ul>
EYE ACUTE	<ul style="list-style-type: none"><li>• May cause redness, tearing, swelling and pain. Prolonged exposure to eyes should be avoided.</li></ul>
EYE CHRONIC	<ul style="list-style-type: none"><li>• No data available.</li></ul>
INGESTION ACUTE	<ul style="list-style-type: none"><li>• May irritate nose, throat and lungs.</li></ul>
INGESTION CHRONIC	<ul style="list-style-type: none"><li>• No data available.</li></ul>

## MIXTURE INGREDIENT INFORMATION

- Mixture ingredients are at a concentration which is not sufficient to contribute to the overall health effects of the mixture.
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## SECTION 12: ECOLOGICAL INFORMATION

- TOXICITY • Not enough information is available.
- PERSISTENCE & BIODEGRADABILITY • Not enough information is available.
- BIOACCUMULATIVE POTENTIAL • Not enough information is available.
- MOBILITY IN SOIL • Not enough information is available.
- OTHER ADVERSE EFFECTS • Not enough information is available for adverse effects.
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## SECTION 13: DISPOSAL CONSIDERATIONS

- DISPOSAL CONSIDERATIONS • Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.
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## SECTION 14: TRANSPORT INFORMATION

- TRANSPORT • Not regulated by D.O.T.
- ENVIRONMENTAL HAZARDS • None.
- SPECIAL PRECAUTIONS • None.
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## SECTION 15: REGULATORY INFORMATION

### SARA TITLE III INFORMATION

COMPONENT	CAS/313 CATEGORY CODE	PERCENT WT
None.		

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### OTHER REGULATORY INFORMATION

- TSCA (Toxic Substance Control Act): All ingredients of this product are listed on the TSCA inventory.
  - CARCINOGENICITY: Not listed by IARC, NTP, OR OSHA.
  - CALIFORNIA PPROPOSITION 65: This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins which would be subject to the proposition.
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## SECTION 16: OTHER

### INFORMATION

#### KEY TO ABBREVIATIONS

N/E = Not Established. CAS = Chemical Abstract Service. PPM = Parts Per Million.  
g/L = Grams per Liter

#### LIABILITY DISCLAIMER

- **Manufacturer Disclaimer:** The information given within this SDS is correct to the best of our knowledge, information and belief at the date of its revision and publication. However, the manufacturer makes no representation, warranty or guarantee as to its accuracy, reliability or completeness, nor assumes any liability for its use. It is the user's responsibility to confirm in advance that the information is current, applicable and suitable to their circumstances for each particular use. No representation of ours has authority to waive this provision. Please call for document accuracy if the revision date has exceeded three (3) years.