**Safety Data Sheet
IR CLEAN SOLUTION**Part Number: 3001
Manufacture Date: August 2019

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**1. Identification of the product and company**
1.1 Product Identifier
 Product name: IR Clean Solution
 Product number: 3001

1.2 Relevant identified uses of the substance or mixture and uses advised against
 Intended use: Cleansing agent

1.3 Supplier details
 Manufacturer/Supplier: Parker Analytical, LLC.
 Address: 1830 Sawmill Dr. Suite 100
 Lucas, TX 75002
 Telephone: (214) 325-4138
 Email: info@parkeranalytial.com

1.4 Emergency telephone number
 US: (800) 424-9300
 Canada: (703) 527-3887

**2. Hazards Identification**
2.1 Classification of the substance of mixture
 CAS Number: 1310-58-3
 Chemical Name: Potassium Hydroxide < 3% Solution
2.2 Label elements
 No data available
2.3 Other hazards
 Slip hazard if spilled; Skin irritant

**3. Ingredient information/composition**
3.1 Substances
 Unidentified ingredients are not considered hazardous under the Federal Hazard
 Communication Standard (29 CFR 1910.1200)
3.2 Mixtures
 < 3% Potassium Hydroxide solution in water

**4. First aid measures**
4.1 Description of first aid measures
 If this product is used as intended, risk of accidents are extremely unlikely. However, serious risk of injury is likely if the product is misused, in which case you should do the following:
 If inhaled: Dial 911 and seek medical treatment immediately.
 Skin contact: Wash with soap and water.
 Eye contact: Flush eyes thoroughly with water.
 If swallowed: Dial 911 and seek medical treatment immediately.

4.2 Chronic Health Effects/Symptoms
 None known
4.3 Carcinogenicity Data
 None known

**5. Accidental release measures**
5.1 Personal precautions, protective equipment and emergency procedures
 Avoid contact with spilled material.
5.2 Environmental precautions
 Use appropriate containment to avoid environmental contamination. Prevent
 material from spreading or from entering drains, ditches, or rivers by using sand,
 earth, or other barriers.
 5.3 Methods and material for containment and clean up
 Slippery when spilled. Avoid accidents by cleaning up immediately. Can be
 contained by surrounding oil with an absorbent material, sand, clay, or earth, and
 sweeping to a central point, then disposed of properly.
 5.4 Reference to other sections
 Refer to protective measures listed in section 7.

**6. Handling and storage**
6.1 Precautions for safe handling
 Use local exhaust ventilation if there is risk of vapor inhalation, mists, or aerosols.
 Properly dispose of any contaminated rags or cleaning materials to prevent fires.
6.2 Conditions for safe storage
 Keep container tightly closed and in a cool, well-ventilated area. Use properly
 labeled containers.
6.3 Specific End Use(s)
 Polyethylene containers should not be exposed to high temperatures; possible risk
 of distortion.

**7. Exposure controls/personal protection**
7.1 Control Parameters
 Respiratory: If TLV is exceeded, or for symptoms of overexposure, wear a
 NIOSH approved dust/mist respirator
 Eyes: If potential for eye contact exists, wear chemical goggles.
 Clothing/gloves: Wear neoprene or other chemical resistant gloves
 Ventilation: Local exhaust may be necessary under some handling/use
 conditions. Specific needs should be addressed by
 supervisory or health/safety personnel.
7.2 Exposure control
 The level of protection and types of controls necessary will vary depending upon
 potential exposure conditions. Select controls based on a risk assessment of the
 local circumstances. Where material is heated, sprayed, or mist has formed, there
 is greater potential for airborne concentrations to be generated.

**8. Physical and chemical properties**
Appearance: Milky white, thin liquid
Odor: Slight odor
pH: Not applicable
pH 1% solution: Not applicable
pH as Distributed: 13 (conc.)
Boiling Point: >212 °F estimated value
Vapor Pressure (mm of Hg): <18
Freezing Point: Not applicable
Density: Typical 875 kg/m3 at 15°C / 59°F
Water Solubility: Complete
Specific Gravity (water=1 @ 25°C): 1.06
% Volatiles by weight: > 82
Vapor Density (air=1): < 1
Evaporation Rate (BuAC=1): <1

**9. Stability and Reactivity**
9.1 Incompatibility
 Strong acids
9.2 Chemical stability
 Stable
9.3 Possibility of hazardous reactions
 No data available
9.4 Conditions to avoid
 Extremes of temperature and direct sunlight
9.5 Hazardous Decomposition Products
 Hazardous decomposition products are not expected to form during normal
 storage

**10. Disposal considerations**
Material Disposal: Recover or recycle if possible. It is the responsibility of the waste
 generator to determine the toxicity and physical properties of the
 material generated to determine the proper waste classification and
 disposal methods in compliance with applicable regulations. Do not
 dispose into the environment, in drains, or in storm drains.
Container Disposal: Dispose in accordance with prevailing regulations, preferably to a
 recognized collector or contractor. The competence of the collector or
 contractor should be established beforehand.
Local Legislation: Disposal should be in accordance with applicable regional, national, and
 local laws and regulations.

**11. Transport information**
11.1 DOT Information
 1 Gallon (cat # 3001)
11.2 Shipping information
 ORM-D (49 CFR Section 173.154©
 Potassium Hydroxide Solution, 8, UN 1814, PG II

**12. Regulatory information**
Safe Handling and Storage:
 Store in a closed container. Do not freeze.

**13. Other information**

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| The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use or misuse. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Parker Analytical, LLC be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages, howsoever arising, even if Parker Analytical, LLC has been advised of the possibility of such damages. |

**BSE/TSE Statement:** There are no materials of animal origin in the raw materials or in the process aides used to manufacture any Parker Analytical products.

**This product is not flammable.**