**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](mailto: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.**