CITRACLEAN
MATERIAL SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Identification: Citraclean

Usage: Non abrasive pumice based citrus hand cleaner

Supplier: Intaglio Printmaker
9 Playhouse Court
62 Southwark Bridge Road
London
SE1 0AT
Tel: +44 (0) 207 928 2633
Email: infor@intaglioprintmaker.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

A proprietary blend of Citrus Oil, Water, Blended Organic Emulsifiers & surfactants and pumice.

- Citrus Oil CAS: 5989-27-5
- Pumice CAS: 1332-09-8

Those components for which there is no CAS reference ore propriety to the raw material manufacturer. Letters of assurance are on file from these manufactures stating that their components are listed in the U.S. EPA TSCA inventory.

3. HAZARDS IDENTIFICATION

This product and all components have been evaluated and no known hazards have been found to exist.

Individual Ingredients not considered carcinogenic by NTP, OSHA or IRAC. Components are not considered hazardous by ingestion but are capable of producing gastrointestinal irritation and upset.

Potential Health Effects:

- **Acute Eye:** Eye Irritation consistent with a soap and solvent based product.
- **Acute Skin:** None.
- **Acute Inhalation:** Not applicable
- **Acute Ingestion:** Capable of irritation to the gastrointestinal tract with vomiting and diarrhoea possible. Vomiting poses the risk of aspiration pneumonia due to solvent content of product.
- **Chronic Effects:** No known Chronic Effects

4. FIRST AID MEASURES

- **Eye Exposure:** Flush with flowing water at least 15 minutes, contact physician if irritation persists.
- **Skin Exposure:** Not Applicable
- **Inhalation:** Not Applicable
- **Ingestion:** Give water to dilute the substance, contact a physician immediately.
- **Medical Conditions Possibly Aggravated By Exposure:** Irritant to broken skin.
- **NOTES TO PHYSICIAN**: If product is swallowed possible aspiration pneumonia is a complication that may require prompt medical intervention similar to the treatment for ingestion of hydrocarbon solvents. This product exhibits a low human toxicity risk however.

5. FIRE-FIGHTING MEASURES

- **Flash Point:** > 240°F (Cleveland Open Cup)
- **Flammability Limits:** Not determined – considered a minimal hazard
- **Extinguishing Methods:** Dry Chemical, Universal Foam, Water or CO2
- **Special Fire Fighting Procedures:** None
- **Unusual Fire and Explosion Hazards:** None
- **Hazardous Decomposition Materials (Under Fire Conditions):** Oxides of Nitrogen, Sulphur, and Carbon may form as thermal decomposition products.

6. ACCIDENTAL RELEASE MEASURES

- **Small Spills**: Wipe up product, rinse soiled area with water down the drain.
- **Large Spills:** Use bunding to contain area and scoop up into disposal containers. Product is biodegradable and may be safely disposed of in a landfill or at an incineration facility. Residual product may be rinsed off to drains with water.

7. HANDLING AND STORAGE

- Always store unused portion in original container with lid secure.
- Avoid temperature extremes.
- Do not freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Respiratory Protection:** Not required
- **Ventilation:** Not required
- **Protective Gloves:** Not required
- **Eye Protection:** Avoid direct contact
- **Other Protective Equipment:** Not required

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Physical Appearance:** White to off white creamy paste
- **Odour:** Fresh orange odour
- **Boiling Point:** Approx 200-300° F
- **Vapour Pressure:** 41mm of HG @ 25°C
- **Vapour Density (Air = 1):** 0.8
- **Solubility in Water:** Emulsifies
- **Specific Gravity (H^20=1):** 0.85 @ 25 °C
- **Percentage Volatiles by Volume:** 75%
- **Evaporation Rate (H^20=1):** 1
- **PH:** 8.0-8.7

10. STABILITY AND REACTIVITY

- **Stability Data:** Stable
- **Incompatibility:** Some plastics. Keep Covered. Avoid strong oxidising agents.
- **Hazardous Decomposition Products:** None known; material is biodegradable.
- **Hazardous Polymerization:** Will Not Occur.

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11. TOXICOLOGICAL INFORMATION

Based on the known toxicity profile of the components utilized in its manufacture, this product is not known to be toxic at **any** concentration.

12. ECOLOGICAL INFORMATION

- **Ecotoxicological Information:** Environmentally Non-Toxic
- **Chemical Fate Information:** Influence of oxygen, microorganisms, and sunlight serve to biodegrade this product to inorganic salts (complete mineralization) conditions, carbon dioxide, and water. Oxygen is required for this biodegradation process. Oxygen will deplete from waters that have received a large amount of this product in its concentrated form.

13. DISPOSAL CONSIDERATIONS

- **Waste Disposal Method:** Landfill or rinse to sewage treatment facility.
- **Container Handling and Disposal:** Store in original containers, dispose as non-hazardous waste.
- **EPA Hazardous Waste:** Not EPA Hazardous.

14. TRANSPORT INFORMATION

- **Shipping Name:** Not regulated for transport.
- Ingredients not classified in ADR/RID, and/ADNR, IMDG, IATA/ICAO-DGR.

15. REGULATORY INFORMATION

- **Inventory Status:** Ingredients Listed on TSCA, EINECS,DSL,ENCS (Japan), Korea, Australia, China, PICCS (Philippines).
- **SARA Title III Hazard Class:** Not subject to reporting requirements

16. OTHER INFORMATION

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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