Section 1 – Identification

Product Identifier: Ship Shape Professional Surface Cleaner RTU

Other means of Identification: All purpose Cleaning Solution

Name and Address of Responsible Parties:

King Research, Inc
7025 W. Marcia Rd.
Milwaukee, WI  53223

Information Telephone #: 1-800-222-8160
24 Hr. Emergency Telephone Number: INFO TRAC - 1-800-535-5053
International 24 Hr. Emergency Telephone Number: INFO TRAC – 1-352-323-3500

Contract # - 106253

Section 2 – Hazards Identification

Classification of the Chemical:
Clear yellow liquid with pleasant citrus odor.

This material is classified as hazardous under OSHA regulations (29 CFR 1910.1200) (Hazcom 2012).

Hazardous classification: None

Label elements:

Signal Word: None

Hazard Statements: None

Precautionary Statements: Wash hands thoroughly after handling.
If skin irritation occurs get medical advice/attention.
Section 2 – Hazards Identification (continued)

If on Skin: Wash with plenty of soap and water.
If skin irritation occurs get medical advice/attention.
Take off contaminated clothing and wash before reuse.
Wear protective gloves.
Wear eye protection such as goggles or safety glasses with side shields.
If in eyes: Rinse cautiously with water for 15 minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists get medical advice/attention.
Dispose of contents/container in accordance with local, State, federal or international regulations.

Hazard Pictogram(s)

Other Hazards not otherwise classified:
This product contains 1.05% ingredients of an unknown acute toxicity. See section 11 for more information.

Section 3 – Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name, Common Name</th>
<th>CAS #</th>
<th>Concentration wt/wt(*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>&lt;2</td>
</tr>
<tr>
<td>Dipropylene glycol n-butyl ether</td>
<td>29911-28-2</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Dipropylene glycol n-propyl ether</td>
<td>29911-27-1</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>

* Note: The exact concentrations of the chemical(s) above are being withheld as a trade secret.
Section 4 – First-Aid Measures

Description of first aid measures:

_Inhalation:_ If inhaled remove victim to fresh air and keep at rest. Call a poison center or physician if you feel unwell.

_Skin contact:_ Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs get medical advice/attention.

_Eye contact:_ If in eyes rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and continue rinsing. If eye irritation persists seek medical advice/attention.

_Ingestion:_ Do NOT induce vomiting unless instructed by medical personal. Never give anything by mouth to an unconscious person. Get medical attention.

_Most important symptoms and effects, both acute and delayed:_

Can cause skin irritation.
Can cause eye irritation.
Indigestion may cause gastrointestinal irritation, nausea, vomiting, diarrhea.

_Indication of any immediate medical attention and special treatment needed:_
Treat symptomatically

Section 5 – Fire-Fighting Measures

_Extinguishing media:_
_Suitable extinguishing media:_ Water fog, Carbon dioxide, Dry chemical, Foam
_Unsuitable extinguishing media:_ Not available

_Special hazards arising from the substance or mixture:_ Non Known


_Hazardous combustion products:_ Carbon oxides, other unidentified organic compounds.

_Special protective equipment and precautions for firefighters:_ Protective equipment for fire-fighters: Firefighters should wear proper protective equipment (Bunker gear) and self-contained breathing apparatus with full face operated in positive pressure mode.
Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:
All persons dealing with the clean-up should the appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion done. Refer to protective measures listed in section 7 and 8.

Methods and materials for containment and clean up:
Do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent run-off into drains, sewers, or any natural waterway or drinking supply. Ventilate the area. Soak up with inert absorbent material. Scoop up material and place into suitable container(s). Dispose of according to local, state and federal regulations.

Section 7 – Handling and Storage

Precautions for safe handling:
Obtain special instructions before use. Do not handle until all safety precautions have been read and understand. Wear protective gloves and eye/face protection. Adequate ventilation should be supplied. Avoid contact with skin, eyes and clothing. Keep containers tightly closed.

Conditions for safe storage:
Store in cool, dry and well ventilated place. Containers should be clearly identified, clear of obstructions and accessible only to authorized personnel. Protect from sunlight. Have appropriate fire extinguishers/sprinkler system in place. Spill clean-up equipment should be in or near storage area.

Incompatible materials:
Strong oxidizers, Strong acids.

Section 8 – Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Exposure limits</th>
<th>Chemical Name</th>
<th>ACGIH-TLV</th>
<th>OSHA-PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Isopropyl alcohol</td>
<td>200ppm</td>
<td>400ppm</td>
</tr>
<tr>
<td></td>
<td>Dipropylene glycol n-butyl ether</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td></td>
<td>Dipropylene glycol n-propyl ether</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Section 8 – Exposure Controls/Personal Protection (Continued)

Exposure controls:

Ventilation and engineering measures: Use in well ventilated area. Apply technical measures to comply with occupational exposure limits if needed.

Respiratory measures: If airborne concentrations are above the permissible exposure limit use NIOSH approved respirators.

Skin Protection: Wear protective gloves. Where extensive exposure to the product is possible, use resistant apron/suit and boots.

Eye/face Protection: goggles or safety glasses with side shields.

Other Protective equipment: Ensure that eyewash stations and a safety shower are close to the workstation(s).

General hygiene considerations: Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product. Wash hands after handling. Remove and wash all contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

Section 9 – Physical and Chemical Properties

Appearance: Clear yellow liquid.
Odor: pleasant citrus odor
Odor threshold: Not available
PH: 10.0
Melting/Freezing point: Not available
Boiling point and boiling range: >100C (212F)
Flash point: >93C (199.4)
Evaporation point (Butyl Acetate=1): Not available
Flammability (method determination): Small Scale closed cup, ASTM D3278/D3828
Lower flammability limit (% by vol.): Not available
Upper flammability limit (% by vol.): Not available
Vapor pressure: Not available
Vapor density: Not available
Relative density: 0.99-1.01
Solubility in water: Complete
Partition Coefficient (n-octanol/water): Not available
Auto ignition temperature: Not available
Decomposition temperature: Not available
Section 9 – Physical and Chemical Properties (continued)

Viscosity: Not available
Volatiles (% by wt) = 1.6%
Volatile organic compounds: Isopropyl alcohol.
Other physical/chemical comments: No addition information.

Section 10 – Stability and Reactivity

Reactivity: Not normally reactive.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Hazardous polymerization does not occur.

Conditions to avoid: Heat. Contact with incompatible materials.

Incompatible materials: Strong oxidizers, Strong acids.

Hazardous decomposition products: Carbon oxides.

Section 11 – Toxicological Information

Information on routes of exposure:
Routes of entry-inhalation: YES
Routes of entry-skin & eye: YES
Routes of entry-Ingestion: YES
Routes of entry-skin absorption: YES

Potential Health Effects:

Signs and symptoms of short term exposure:
Signs and symptoms: Inhalation – May cause respiratory irritation. May cause headache, nausea, dizziness and other symptoms of central nervous system depression.

Signs and symptoms: ingestion – Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Signs and symptoms: Skin – May cause irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Signs and symptoms: Eyes – May cause severe irritation.

Potential Chronic Health Effects: None known
Section 11 – Toxicological Information (Continued)

**Mutagenicity:** Not hazardous by OSHA/WHMIS criteria.

**Carcinogenicity:** No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

**Reproductive effects:** Not hazardous by OSHA/WHMIS criteria.

**Sensitization to material:** No data available to indicate product may be a sensitizer.

**Specific target organ effects:** Not Available.

**Medical conditions aggravated by overexposure:** Pre-existing skin and eye conditions.

**Toxicological data:** The calculated ATE value for this mixture is above classification parameters.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50-Oral</th>
<th>Dermal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>400ppm</td>
<td>200ppm</td>
</tr>
<tr>
<td>Dipropylene glycol n-butyl ether</td>
<td>&gt;3,700mg/kg (rat)</td>
<td>&gt;2000mg/kg (rabbit)</td>
</tr>
<tr>
<td>Dipropylene glycol n-propyl ether</td>
<td>&gt;2000mg/kg (rat)</td>
<td>2000mg/kg (rabbit)</td>
</tr>
</tbody>
</table>

Section 12 – Ecological Information

**Ecotoxicity:** May be dangerous to the environment. No data is available on the product itself. Should not be released directly into the environment.

**Mobility is Soil:** This product itself has not been tested.

**Persistence and degradability:** This product itself has not been tested.

**Bioaccumulation potential:** This product itself has not been tested.

**Other adverse Environmental effects:** None Known.
Section 13 – Disposal Information

Handling for disposal: Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

Methods of disposal: Dispose in accordance with all applicable federal, state, provincial and local regulation. Contact your federal, state, provincial and local authorities for specific rules.

Section 14 – Transportation Information

US 49 CFR/DOT Hazard Classification
UN No.: Not DOT Regulated
UN Proper shipping name: Not Applicable

Transport hazard class: Not Applicable
Packing group: Not Applicable
ERG: Not Applicable

Special Transportation Notes: None

DOT Marine Pollutants: This product does not contain Marine Pollutants as defined in CFR 49 171.8.

IMDG/IMO Code Shipping Classification:
UN No.: Not IMDG Regulated
UN Proper shipping name: Not Applicable

Transport hazard class: Not Applicable
Packing group: Not Applicable
ERG: Not Applicable

Not classified as a marine pollutant.

ICAO/IATA Air Transport Classification
UN No.: Not ICAO Regulated
UN Proper shipping name: Not Applicable

Transport hazard class: Not Applicable
Packing group: Not Applicable
ERG: Not Applicable
Section 15 – Regulatory Information

US Federal Information:
TSCA: All listed ingredients appear on the Toxic Substances Control Act.

US CERCLA Reportable quantity (RQ): Not Reportable

SARA Title III: Sec. 302, Extremely Hazardous Substances, 40 CFR 355:
No extremely hazardous substances are present in this material.

SARA Title III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes:
Reactive Hazard, Acute Health Hazard, Chronic Health Hazard. Under SARA Section 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SARA Title III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372:
This product contains Isopropyl alcohol.

State Regulations:
California Proposition 65: This product does not contain a chemical known to the State of California to cause, birth defect, reproductive harm or cancer.

International Information:
Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

Section 16 – Other Information

HMIS – Hazardous Materials Identification System
Health -1 Flammability -1 Physical Hazard -1 PPE -B

NFPA – National Fire Protection Association
Health -1 Flammability -1 Reactivity -1

Abbreviations legend:
ACGIH: American Conference of Governmental Industrial Hygienist
CAS: Chemical abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1986
CFR: Code of Federal Regulations
CSA: Canadian Standards Association
**Section 16 – Other Information (Continued)**

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>Department of Transportation</td>
</tr>
<tr>
<td>ECOTOX</td>
<td>U.S. EPA Ecotoxicology Database</td>
</tr>
<tr>
<td>EINECS</td>
<td>European Inventory of Existing Commercial chemical Substances</td>
</tr>
<tr>
<td>EPA</td>
<td>Environmental Protection agency</td>
</tr>
<tr>
<td>HSDB</td>
<td>Hazardous Substances database</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>IBC</td>
<td>Intermediate Bulk Container</td>
</tr>
<tr>
<td>IUCLID</td>
<td>International Uniform Chemical Information Database</td>
</tr>
<tr>
<td>LC</td>
<td>Lethal Concentration</td>
</tr>
<tr>
<td>LD</td>
<td>Lethal Dose</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute of Occupational Safety and Health</td>
</tr>
<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>OECD</td>
<td>Organization for Economic Cooperation and Development</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible exposure limit</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation and Recovery Act</td>
</tr>
<tr>
<td>RTECS</td>
<td>Registry of Toxic Effects of Chemical Substances</td>
</tr>
<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act</td>
</tr>
<tr>
<td>SDS</td>
<td>Safety Data Sheet</td>
</tr>
<tr>
<td>STEL</td>
<td>Short Term Exposure Limit</td>
</tr>
<tr>
<td>TDG</td>
<td>Canadian Transportation of Dangerous Goods Act &amp; Regulations</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Values</td>
</tr>
<tr>
<td>TWA</td>
<td>Time Weighted Average</td>
</tr>
<tr>
<td>WHMIS</td>
<td>Workplace Hazardous Materials Identification System</td>
</tr>
</tbody>
</table>

**Disclaimer**

The information continued herein is based on the manufactures’ own study and the work of others, implied, as to the accuracy, completeness or adequacy of the information contained herein, and neither the provider nor the manufacturer (nor the agents, directors, officers, contractors or employees of either) are liable to any party for any damages of any nature, including direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of any information in this SDS, or in any other way related (directly or indirectly) to this SDS. The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process.

(Updated to GHS format, 3/7/15)

**End of Document**