SAFETY DATA SHEET

1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>FINNEY MARK OFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Number</td>
<td>P701</td>
</tr>
<tr>
<td>Product Type</td>
<td>Mixture</td>
</tr>
<tr>
<td>Product Use</td>
<td>Glass cleaner</td>
</tr>
<tr>
<td>Manufacturer/Supplier</td>
<td>National Purity, LLC.</td>
</tr>
<tr>
<td></td>
<td>6840 Shingle Creek Parkway, Suite #23</td>
</tr>
<tr>
<td></td>
<td>Brooklyn Center, MN 55430</td>
</tr>
<tr>
<td>Company Contact</td>
<td>612-672-0022</td>
</tr>
<tr>
<td>Emergency Telephone Number</td>
<td>1-800-255-3924</td>
</tr>
</tbody>
</table>

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910 OSHA HCS

- Flammable liquid, (Category 3) H226
- Acute Toxicity-Oral (Category 5) H303
- Skin corrosion/irritation, (Category 3) H315, H316
- Serious eye damage/irritation, (Category 2A) H319
- Respiratory irritation (Category 3) H335, H336
- Acute aquatic toxicity, (Category 3) H402

GHS Label elements, including precautionary statements

**Pictogram**

![Pictogram]

**Signal word**

Warning

**Hazard Statements**

- H226 Flammable liquid and vapor
- H303 May be harmful if swallowed.
- H315 Causes mild skin irritation.
- H319 Causes serious eye irritation.
- H335, H336 May cause respiratory irritation. May cause drowsiness or dizziness.
- H402 Harmful to aquatic life.

**Precautionary Statements**

**Prevention**

- P210 Keep away from heat, hot surfaces, sparks, open flames, ignition sources. No smoking.
- P233 Keep container tightly closed.
- P243 Take action to prevent static discharges.
- P261 Avoid breathing mist, vapors, or spray.
- P264 Wash hands and exposed skin thoroughly after handling.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well ventilated area.
- P273 Avoid release to the environment.
Response
P370+P378   In case of fire, use water spray, dry chemical or carbon dioxide to extinguish.
P301+P312   IF SWALLOWED, rinse mouth with water, DO NOT INDUCE VOMITING.
P303+361+P353+P363+P312   IF ON SKIN, immediately take off all contaminated clothing. Rinse skin with water or shower if appropriate. Wash contaminated clothing before reuse.
P305+P351+P338   IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present. Continue rinsing.
P337+P313   If eye irritation persists: Get medical advice/attention.
P304+P340   IF INHALED: remove person to fresh air and keep comfortable for breathing.
P312    Call a POISON CENTER/doctor if experiencing difficulty breathing or feeling unwell.

Call a POISON CENTER/doctor if feeling unwell.
P303+361+P353+P363+P312   IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present. Continue rinsing.
P337+P313   If eye irritation persists: Get medical advice/attention.
P304+P340   IF INHALED: remove person to fresh air and keep comfortable for breathing.
P312    Call a POISON CENTER/doctor if experiencing difficulty breathing or feeling unwell.

Storage/Disposal
P403+P233+P235   Store in a well ventilated place. Keep cool. Keep container tightly closed.
P405    Store locked up.
P501    Dispose of contents/container in accordance with local, state and federal regulations.

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3. Composition/Information on Ingredients
The criteria for listing components in this section are: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Non hazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.

Hazardous Components      CAS#   Classification    %
Isopropyl alcohol   67-63-0   H226, H319, H336   10-20%
Propylene glycol n butyl ether 5131-66-8  H226, H303, H316, H320,   10-20%
N-methylpyrrolidone  872-50-4  H316, H320    5-10%

4. First Aid Measures

Description of First Aid Procedures
General Advice
Consult a physician. Show this SDS to the doctor.

In Case of Eye Contact
Flush with cool running water for 15 minutes. Remove contact lenses if possible.
Get medical attention.

In Case of Skin Contact
Flush with cool water. If irritation occurs, get medical attention.

If Ingested
Rinse mouth. Do not induce vomiting. Obtain immediate medical attention. Never give anything by mouth to an unconscious person.

If Inhaled
Move person to fresh air. If breathing difficulty persists, consult a physician.

Notes to Physician
Symptoms may be delayed.

General advice
Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

5. Fire-fighting Measures

Flammable properties
Flammable.

Extinguishing media
Dry chemical. Carbon dioxide, foam.

Protection of firefighters
Firefighters should wear protective clothing including self contained breathing apparatus.

Hazardous combustion products
May include and not limited to oxides of carbon, and nitrogen.

Unusual Fire, Explosion hazards
Containers may melt or rupture from heat of fire.
6. Accidental Release Measures

**Personal precautions**
Keep unnecessary personal away. Do not touch or walk through spilled material.
Do not touch damaged containers or spilled containers unless wearing protective clothing.

**Methods for containment**
Prevent entry into waterways, sewers.

**Methods for cleaning up**
Before attempting clean up, refer to hazard data given above. Small spills may be mopped up placed in a container for disposal.
Large spills: dike with suitable material and prevent discharge into waterways.
Spill may be absorbed with non reactive material and placed in a suitable container for disposal. Residues can be rinsed with water and passed to sanitary sewer. Dispose of contents/containers in accordance with local, state, and federal regulations.

7. Handling and Storage

**Precautions for Safe Handling**
Use good industrial hygiene practices when handling this material. Wash contaminated clothing before reuse.

**Conditions for Safe Storage**
Keep container closed when not in use. Keep out of reach of children. Store in cool dry place.

8. Exposure Controls and Personal Protection

**Exposure Limits**

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>400 ppm TWA, 980 mg/m³ PEL</td>
<td>Not available</td>
</tr>
<tr>
<td>Propylene glycol n butyl ether</td>
<td>5131-66-8</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>N-methylpyrrolidone</td>
<td>872-50-4</td>
<td>309 mg/m³ STEL</td>
<td>Not available</td>
</tr>
</tbody>
</table>

**Engineering controls**
Exhaust ventilation recommended

**Personal protective equipment**

- **Eye/Face protection**
  Wear goggles or safety glasses with side shields if splash conditions exist.

- **Hand protection**
  Not generally required in normal use.

- **Skin and body**
  Not generally required in normal use.

- **Respiratory protection**
  Use a NIOSH approved respirator when exposure guidelines are exceeded.

**General hygiene considerations**
Handle in accordance with good industrial hygiene practices. Do not eat or drink when using product. Wash hands well before breaks and immediately after handling the product.

9. Physical and Chemical Properties

**Information on basic physical and chemical properties**

- **Appearance/form**
  Clear liquid

- **Color**
  Colorless

- **Odor**
  Alcohol

- **Odor threshold**
  Not established

- **pH**
  7.3-7.7 (concentrate)

- **Melting/freezing point**
  Not established

- **Initial Boiling point**
  ≈200° F. (93° C.)

- **Flash point**
  82° F. (28° C.) Estimated.

- **Evaporation rate**
  Not established

- **Flammability**
  Flammable

- **Upper/lower flammability or Explosive limits**
  Not established

- **Vapor pressure**
  Not established
**Vapor density**  
2.1  
**Specific gravity/density**  
0.98-1.00  
**Solubility in water**  
Complete  
**VOC**  
≈ 32%  
**% Volatile**  
≈ 93%  

### 10. Stability and Reactivity

**Reactivity**  
Not reactive under normal use.  
**Chemical Stability**  
Stable under normal storage conditions.  
**Hazardous reactions**  
None known.  
**Conditions to avoid**  
Do not mix with other chemicals. Avoid sources of heat.  
**Incompatible materials**  
Strong acids, strong oxidizing agents.  
**Hazardous decomposition products**  
May include but not limited to oxides of carbon, and nitrogen. Glycol ethers tend to form explosive peroxides on prolonged exposure to air.  
**Hazardous polymerization**  
Will not occur.

### 11. Toxicological Information

**Ingredients**  

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LC50</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>16000 ppm (inhalation rat- 8 hours)</td>
<td>5,045 mg/kg (Oral-rat)</td>
</tr>
<tr>
<td>Propylene glycol n butyl ether</td>
<td>600 ppm (inhalation rat- 7 hours, 31 days) no ill effects.</td>
<td>12,800 mg/kg (Dermal-rabbit)</td>
</tr>
<tr>
<td>N-methylpyrrolidone</td>
<td>&gt; 5.1 mg/l (inhalation rat- 4 hours)</td>
<td>&gt; 2000 mg/kg (Dermal-rabbit)</td>
</tr>
</tbody>
</table>

**Effects of acute exposure**
- **Eye**: Will cause serious eye irritation.
- **Skin**: Will cause mild skin irritation.
- **Ingestion**: Harmful if swallowed. May cause irritation to mouth, throat and stomach.
- **Inhalation**: May cause irritation of respiratory tract. May cause drowsiness or dizziness.
- **Sensitization**: Not known.
- **Chronic effects of short and long Term exposure**: Prolonged exposure to skin may cause drying, defatting and irritation.

**Carcinogenicity**: Does not contain ingredients considered carcinogenic by NTP, IARC, or OSHA.
**Mutagenicity**: No data available.
**Reproductive effects**: No data available.
**Teratogenicity**: No data available.

### 12. Ecological Information

**Eco-toxicity**  
Ecological effects for this product have not been analyzed. However, if spilled this product and any contaminated soil may be harmful to aquatic life.

**Environmental effects**  
No data available.

**Aquatic toxicity**
- **Isopropyl alcohol**:  
  - LC50 Fathead minnow: 9,640 mg/l 24 hours
  - EC50 Daphnia magna (water flea) 5,102 mg/l 24 hours
  - EC50 Algae : > 1000 mg/l 24 hours
- **Propylene glycol n butyl ether**:  
  - LC50 Fish: 560-1000 mg/l 96 hours
  - EC50 Daphnia Magna: > 2000 mg/l 48 hours
N-methylpyrrolidone LC50 Salmo Gairdneri: 3048 mg/l 96 hours
EC50 Daphnia Magna: 4897 mg/l 48 hours
EC50 Scenedesmus Subspicatus: > 500 mg/l

Persistence and Degraddability
No data available
Bioaccumulation/accumulation
Ingredients are not known bioaccumulators.
Partition coefficient
No data available
Mobility in environmental media
No data available
Chemical fate information
No data available
Other adverse effects
No data available

13. Disposal Considerations
Waste codes
Not Available
Disposal instructions
Dispose in accordance with local, state, and federal regulations
Wastes from residues/unused product
Containerize. Rinse area with water. Keep out of storm sewer/waterways.
Contaminated packaging
Dispose in accordance with all applicable regulations.

14. Transport Information
Basic shipping requirements:
Proper shipping name
Flammable liquid, n.o.s.(contains isopropyl alcohol, propylene glycol n butyl ether), 3, UN1993, PG III
Hazard class
3
UN number
UN1993
Packing group
PG III
Packaging exceptions
49CFR173.150 Limited quantities
Special provisions

15. Regulatory Information
U.S federal regulations
This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the SDS contains all of the information required by OSHA. HCS 2012
TSCA
All ingredients are listed on the Toxic Substances Control Act or are exempt from listing.
SARA Title III Section 311&312
Immediate (Acute) Health Hazard
SARA Title III Section 313
Product does contain substances on the list of Toxic Chemicals per 40CFR372
Isopropyl alcohol,
California Proposition 65
This product does not contain chemicals known to the State of California to cause cancer.
States Right to Know
Reportable chemicals:
Isopropyl alcohol

Inventory Status
Countries
U.S.
Canada
Inventory Name
CIL
DSL
On Inventory (Yes/No)*
Yes
Yes

* A “Yes” indicates that all of the components of this product comply with the inventory requirements administered by the governing country(s) listed.
### 16. Other Information

#### HMIS RATING

<table>
<thead>
<tr>
<th></th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe</td>
<td>4</td>
</tr>
<tr>
<td>Serious</td>
<td>3</td>
</tr>
<tr>
<td>Moderate</td>
<td>2</td>
</tr>
<tr>
<td>Slight</td>
<td>1</td>
</tr>
<tr>
<td>Minimal</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Disclaimer

To the best of our knowledge, the information included herein is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

<table>
<thead>
<tr>
<th>Issue date</th>
<th>March 5, 2015</th>
</tr>
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<tbody>
<tr>
<td>Supersedes date</td>
<td>Previous issues</td>
</tr>
<tr>
<td>Reason for update</td>
<td>Conform to GHS OSHA HCS 2012</td>
</tr>
<tr>
<td>Expiration date</td>
<td>March 5, 2018</td>
</tr>
</tbody>
</table>