MATERIAL SAFETY DATA SHEET

GRILL (SUMA)

<table>
<thead>
<tr>
<th>HMIS</th>
<th>NFPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>3</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: GRILL (SUMA)

MSDS #: MS010078

Recommended use: Oven and Grill Cleaner.

Manufacturer, importer, supplier:
US Headquarters
JohnsonDiversey, Inc.
5310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-888-352-2249

Canadian Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 0P1
Phone: 1-800-668-3131

MSDS Internet Address: www.johnsondiversey.com

Emergency telephone number: 1-800-651-7145 (Prosar); 1-651-617-6133 (Int'l Prosar); 01-800-710-3400 (Mexico)

2. HAZARDS IDENTIFICATION

DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS ON CONTACT. HARMFUL OR FATAL IF SWALLOWED.

Principle routes of exposure:
Eye contact. Skin contact. Inhalation.

Eye contact: Corrosive. Causes permanent eye damage, including blindness.

Skin contact: Corrosive. Causes permanent damage.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral - Rat</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol methyl ether</td>
<td>34590-94-8</td>
<td>5 - 10%</td>
<td>5230 mg/kg</td>
<td>9500 mg/kg</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>10 - 20%</td>
<td>140 mg/kg</td>
<td>1350 mg/kg</td>
<td>Not available</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15-20 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact: Flush immediately with plenty of water for at least 15-20 minutes. Get medical attention immediately.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.

Ingestion: If swallowed, give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards: Not applicable.

Unusual hazards: Corrosive material (See sections 8 and 10).

Specific methods: No special methods required
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>闪点</td>
<td>73°C (F) - 93°C (C)</td>
</tr>
<tr>
<td>颜色</td>
<td>暗棕色</td>
</tr>
<tr>
<td>密度</td>
<td>1.1</td>
</tr>
<tr>
<td>外观</td>
<td>液体</td>
</tr>
<tr>
<td>状态</td>
<td>液体</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>稳定性</td>
<td>稳定</td>
</tr>
<tr>
<td>反应性</td>
<td>无需处理</td>
</tr>
<tr>
<td>热分解/爆炸性</td>
<td>不易分解</td>
</tr>
</tbody>
</table>

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 工厂或企业须采取适当措施，防止工人吸入该物质。
- 避免接触皮肤和眼睛。
- 使用适当的防护装备，如防护眼镜、防护手套和防护服。

7. HANDLING AND STORAGE

- 存储于阴凉、干燥的地方，避免阳光直射。
- 存储于远离火源的地方。
- 存储于密闭容器中。

6. ACCIDENTAL RELEASE MEASURES

- 在事故或泄漏时，首先确保人员安全。
- 使用适当的个人防护装备，如手套、防护眼镜和防护服。

5. FIRE-FIGHTING MEASURES

- 使用干粉灭火器。
- 使用水雾灭火器。

4. PRECAUTIONS FOR SAFE HANDLING

- 防止接触皮肤和眼睛。
- 避免吸入该物质。
- 使用适当的个人防护装备。

3. HAZARDOUS COMPOSITION PRODUCTS

- 该物质的组成成分。
- 该物质的物理性质。
- 该物质的化学性质。

2. GENERAL CODE OF REGULATION

- 遵守相关法规。
- 遵守安全操作程序。
- 遵守环境保护规定。

1. INTRODUCTION

- 该物质的概述。
- 该物质的用途。
- 该物质的市场。

<table>
<thead>
<tr>
<th>Component</th>
<th>Purity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>甲醇</td>
<td>99%</td>
<td>甲醇</td>
</tr>
<tr>
<td>乙醇</td>
<td>93%</td>
<td>乙醇</td>
</tr>
<tr>
<td>丙醇</td>
<td>90%</td>
<td>丙醇</td>
</tr>
</tbody>
</table>

Note: The above information is a sample and may not accurately reflect the actual data contained in the image.
11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD₅₀ estimated to be >1000 and <5000 mg/kg
Component Information:
See Section 3
Chronic toxicity: None known
Specific effects:
- Carcinogenic effects: None known
- Mutagenic effects: None known
- Reproductive toxicity: None known
- Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations
RCRA Hazard Class: DD02

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories:
All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Philippines (PICCS), China (IECSC).

U.S. Regulations:
California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol methyl ether</td>
<td>34590-94-8</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Allyl Glucoside</td>
<td>68519-73-1</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

GERCLA/ SARA

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>10 - 20%</td>
<td>1000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories:
Immediate: X
Delayed: -
Fire: -
Reactivity: -
Sudden Release of Pressure: -

Canada

WHMIS hazard class: E Corrosive material

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<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol methyl ether</td>
<td>34590-94-8</td>
<td>X</td>
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</tbody>
</table>

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAP/RAC

GRILL (SUMA)
16. OTHER INFORMATION

Additional advice: None

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